VPAT Accessibility Conformance Report

(Based on ITI VPAT©)

|  |  |
| --- | --- |
| **Name of Product** | **Netter Images** |
| **Date Last Updated** | **May 15, 2024** |
| Completed by | Nicholas Seow (Elsevier Digital Accessibility Team) |
| **Applicable Standards/Guidelines** | This document rates Netter Images according to the [W3C WCAG 2.1 A and AA](https://www.w3.org/TR/WCAG21/) requirements. |
| **Contact for More Information** | Elsevier Digital Accessibility Team [accessibility@elsevier.com](mailto:accessibility@elsevier.com?subject=Accessibility%20and%20Shadow%20Health) |
| **Testing Tools and Methods** | * **Hands-on keyboard operation** * **DevTools/Code inspection** * **Mozilla Firefox 125 and Chrome 124 on Windows 11 23H2** * **NVDA screen reader 2024.1** * **WAVE Browser Extension** * **Color Contrast Analyzer** * [W3C Web Accessibility Initiative (WAI) Pages](https://www.w3.org/WAI/) * [Elsevier Accessibility Checklist](http://romeo.elsevier.com/accessibility_checklist/) |
| **Document Sections** | This review document includes all WCAG 2.1 A and AA checkpoints, organized into 7 logical sections:   * Visuals * Keyboard * Headings and Structure * Labeling * Multimedia * Usability * Mobile User Experience |
| **Pages Covered** | * Landing page, About Us, Contact Us, Help, Books, Book page, Book Chapter page, Artist page, Image page, Collection, Search, Advanced Search * Sign In, Register, Account Enabled, My Account (Activity Details, Update Account), Checkout, Order Confirmation |
| **Terms** | * **Supports: The functionality of the product has at least one method that meets the criteria without known defects or meets with equivalent facilitation.** * **Partially supports: Some functionality of the product does not meet the criteria.** * **Does not support: Majority of functionality of the product does not meet the criteria.** * **Supports (N/A): According to W3C on conformance, "If there is no content to which a success criterion applies, the success criterion is satisfied."** |
| **Notes/Terminology** | * **“AT” stands for Assistive Technology such as screen readers, voice input, etc.** |

## Conformance Summary

| **WCAG 2.1 Success Criterion** | **Level** | **Evaluation** |
| --- | --- | --- |
| 1.1.1: Non-text Content | A | Partially supports |
| 1.2.1: Audio-only and Video-only (Prerecorded) | A | Supports (N/A) |
| 1.2.2: Captions (Prerecorded) | A | Supports (N/A) |
| 1.2.3: Audio Description or Full Text Alternative | A | Supports (N/A) |
| 1.2.4: Captions (Live) | AA | Supports (N/A) |
| 1.2.5: Audio Description | AA | Supports (N/A) |
| 1.3.1: Info and Relationships | A | Partially supports |
| 1.3.2: Meaningful Sequence | A | Supports |
| 1.3.3: Sensory Characteristics | A | Supports |
| 1.3.4: Orientation (2.1) | AA | Supports |
| 1.3.5: Identify Input Purpose (2.1) | AA | Does not support |
| 1.4.1: Use of Color | A | Partially supports |
| 1.4.2: Audio Control | A | Supports (N/A) |
| 1.4.3: Contrast (Minimum) | AA | Partially supports |
| 1.4.4: Resize text | AA | Partially supports |
| 1.4.5: Images of Text | AA | Partially supports |
| 1.4.10: Reflow (2.1) | AA | Partially supports |
| 1.4.11: Non-Text Contrast (2.1) | AA | Partially supports |
| 1.4.12: Text Spacing (2.1) | AA | Supports |
| 1.4.13: Content on Hover or Focus (2.1) | AA | Partially supports |
| 2.1.1: Keyboard | A | Partially supports |
| 2.1.2: No Keyboard Trap | A | Supports |
| 2.1.4: Character Key Shortcuts (2.1) | A | Supports |
| 2.2.1: Timing Adjustable | A | Supports |
| 2.2.2: Pause, Stop, Hide | A | Partially supports |
| 2.3.1: Three Flashes or Below Threshold | A | Supports (N/A) |
| 2.4.1: Bypass Blocks | A | Does not support |
| 2.4.2: Page Titled | A | Does not support |
| 2.4.3: Focus Order | A | Partially supports |
| 2.4.4: Link Purpose (In Context) | A | Partially supports |
| 2.4.5: Multiple Ways | AA | Supports |
| 2.4.6: Headings and Labels | AA | Supports |
| 2.4.7: Focus Visible | AA | Partially supports |
| 2.5.1: Pointer Gestures (2.1) | A | Supports |
| 2.5.2: Pointer Cancellation (2.1) | A | Supports |
| 2.5.3: Label in Name (2.1) | A | Partially supports |
| 2.5.4: Motion Actuation (2.1) | A | Supports |
| 3.1.1: Language of Page | A | Supports |
| 3.1.2: Language of Parts | AA | Supports (N/A) |
| 3.2.1: On Focus | A | Supports |
| 3.2.2: On Input | A | Supports |
| 3.2.3: Consistent Navigation | AA | Supports |
| 3.2.4: Consistent Identification | AA | Partially supports |
| 3.3.1: Error Identification | A | Partially supports |
| 3.3.2: Labels or Instructions | A | Partially supports |
| 3.3.3: Error Suggestion | AA | Supports |
| 3.3.4: Error Prevention (Legal, Financial, Data) | AA | Supports |
| 4.1.1: Parsing | A | Supports |
| 4.1.2: Name, Role, Value | A | Partially supports |
| 4.1.3: Status Messages (2.1) | AA | Does not support |

## WCAG 2.1 A and AA Success Criteria

### Visuals

|  |  |  |
| --- | --- | --- |
| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.1.1: Non-Text Content](https://www.w3.org/TR/WCAG21/#non-text-content) (A) Provide text alternatives for non-text content (e.g. images) | Partially supports | Most images and icons across the site have appropriate text equivalents. At minimum, basic descriptions are provided for key image content (illustration previews).  **Exceptions:**   * Landing page: "Browse Netter Images By Books" image links – Linked images lack text alternatives * All pages: Social media icon links – Linked icons lack text alternatives * About Us, Help, Contact Us: Sidebar image links – Linked images (e.g. to "Clinical Key") may lack text alternatives * Book Chapter page, Image page: Main illustration preview – Image typically features minimally descriptive alt text, but may not adequately provide descriptive identification (e.g. presence of watermark, or purpose of the image as preview) * Books, Collection, Search: Item links – Linked icons for "Purchase Book" and "Create book lightbox" lack text alternatives (alt attributes are erroneously applied to image elements) * Lightboxes: "Default lightbox" ribbon – Image (of text) lacks a text alternative * Advanced Search, Search, Collection: "Body Regions", "Sense Organs" images – Decorative image lacks a null alternative text value (alt="" attribute) * Register: CAPTCHA – While the image-based CAPTCHA has a text alternative that describes its purpose, no alternative CAPTCHA method using a different sensory modality is provided |
| [1.3.3: Sensory Characteristics](https://www.w3.org/TR/WCAG21/#sensory-characteristics) (A) Do not rely on sensory characteristics of components such as shape, size, visual location, orientation, or sound | Supports | There are no instructions or areas of content which rely solely on sensory characteristics. |
| [1.4.1: Use of Color](https://www.w3.org/TR/WCAG21/#use-of-color) (A) Color is not used as the only visual means of conveying info | Partially supports | In most instances, when color is used as a means of conveying information, another visual method is also used to convey the information without color.  **Exceptions:**   * About Us, Help: Links – Links in-line with paragraph text may lack visual indication beyond color difference, e.g. underline style * Collection, Search: Tablist – Selected tab is only distinguished via color difference (darker grey) * Advanced Search: "Hint" text link – In-line link may lack visual indication beyond color difference, e.g. underline style * Order Confirmation: "click here" link – In-line link lacks visual indication beyond color difference, e.g. underline style * Cart, Order Confirmation, Activity Details: "JPG" tooltip trigger – Component is only distinguished from in-line text via a difference in color * Update Account: Policy and terms links – In-line links lack visual indication beyond (very slight) color difference, e.g. underline style |
| [1.4.3: Color Contrast (Minimum)](https://www.w3.org/TR/WCAG21/#contrast-minimum) (AA) Text has enough contrast with the background (4.5:1 for small text and 3:1 for large text) | Partially supports | Text has sufficient contrast with its corresponding background in many areas, although exceptions are found among certain link and component labels and sections of text.  **Exceptions:**   * All pages: "Search" button – Label text (white) lacks sufficient contrast against button background (orange) * All pages: "Advanced Search" link – Link text (grey) lacks sufficient contrast against the background (light grey) * Landing page: "Browse Netter Images By Region" links – Link text (white) may lack sufficient contrast against the background (various colors, including orange on hover) * Landing page: "View all…" links – Link text (white) may lack sufficient contrast against the background during focus and hover states (grey/orange) * All pages: Main heading – Page first heading level <h1> (orange) lacks contrast against the background (white) * Many pages: Breadcrumb – Current page within breadcrumb (grey) lacks sufficient contrast against the background (light grey) * Book page: Right sidebar headings – Text (orange) lacks sufficient contrast against the background (light grey) * Book page: Link text – Link text in hover states (orange) may lack sufficient contrast against the background (white, light grey) * Book Chapter page: "Please Note" message – Text (red) may lack sufficient contrast against the background (pink) * Book Chapter page, Image page: Alert text – Text (blue) may lack sufficient contrast against the background (light blue) * Collection, Search: Tablist – Tab label text in focus state (white) lacks sufficient contrast against the background (light grey) * Advanced Search: "Hint" text – Text (orange) lacks sufficient contrast against the background (white) * Advanced Search, Search, Collection: "System" keyword links – Link text (grey) lacks sufficient contrast against the background (light grey) * Sign In, Register, Update Account: Error message – Error message text (red) lacks sufficient contrast against its container background (rose) * Account Enabled: Success message – Message text (green/orange) lacks sufficient contrast against the container background (light green) * Many pages: Buttons – Label text for various buttons (white) lacks sufficient contrast against component background (orange) * Cart, Order Confirmation, Activity Details: Description text in table – Portions of text (dark grey) very slightly lack sufficient contrast against table cell background (white) * Activity Details: "Transaction Status" text – Status text (e.g. orange) lacks sufficient contrast against the background (white) |
| [1.4.4: Resize Text](https://www.w3.org/TR/WCAG21/#resize-text) (AA)  Text can be enlarged up to 200% without loss of functionality. | Partially supports | Text may be enlarged to 200% while preserving functionality of content in almost all instances.  **Exceptions:**   * Books, Collection, Search: Item links – Link text (item titles) may be significantly truncated when text is scaled to 200% as their containers do not resize |
| [1.4.5: Images of Text](https://www.w3.org/TR/WCAG21/#images-of-text) (AA) Text is used rather than images of text, except where the presentation of text is essential, such as logos | Partially supports | No images of text are used other than for logos or essential presentation in almost all areas. Note: illustration preview images, meant to represent purchasable illustrated slides/diagrams, may combine text with visual content.  **Exceptions:**   * Landing Page: Main banner image – Banner containing headline and tagline is implemented as an image of text that is treated as decoration, i.e. lacks an appropriate alt text value * Lightboxes: "Default lightbox" ribbon – Indication of user's default lightbox is conveyed via an image of text (that lacks a text alternative) |
| [1.4.10: Reflow](https://www.w3.org/TR/WCAG21/#reflow) (AA) Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:  Vertical scrolling content at a width equivalent to 320 CSS pixels;  Horizontal scrolling content at a height equivalent to 256 CSS pixels. | Partially supports | Pages typically utilize a responsive view where content reflows into a single column. In most instances page may be zoomed to 400% without necessitating horizontal scrolling, nor loss of functionality/content. Note: Data tables (found on e.g. Cart page) may require horizontal scrolling at high zoom levels.  **Exceptions:**   * Image page: "Save to Lightbox" popover – Popover does not reflow along with other page content at high zoom states, and container may be positioned such that content may be significantly obscured/out of viewport bounds |
| [1.4.11: Non-Text Contrast](https://www.w3.org/TR/WCAG21/#non-text-contrast) (AA)  User interact components and graphical objects have a contrast ratio of at least 3:1 against adjacent color(s). | Partially supports | Almost all non-text UI components and graphical objects have at least a 3:1 contrast ratio against surrounding colors – apart from certain input field borders and focus styles.  **Exceptions:**   * Many pages: Text input & select fields – Various field borders (light grey) and focus styles (blue) lack sufficient contrast against the background |
| [1.4.12: Text Spacing](https://www.w3.org/TR/WCAG21/#text-spacing) (AA)  In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all the following and by changing no other style property:  Line height (line spacing) to at least 1.5 times the font size;  Spacing following paragraphs to at least 2 times the font size;  Letter spacing (tracking) to at least 0.12 times the font size;  Word spacing to at least 0.16 times the font size. | Supports | Users may adjust the text spacing of content on pages to the minimum baseline properties without causing loss of content or functionality. |
| [1.4.13: Content on Hover or Focus](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) (AA)  Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:   * Dismissable * Hoverable * Persistent | Partially supports | Content that appears on hover or focus is very uncommonly encountered.  **Exceptions:**   * Cart, Order Confirmation, Activity Details: "JPG" tooltip – Tooltip activated via pointer hover is neither dismissable nor hoverable |
| [2.3.1: Three Flashes or Below Threshold](https://www.w3.org/TR/WCAG21/#three-flashes-or-below-threshold) (A) No more than three flashes in a 1-second period, or the flashes are below the defined thresholds | Supports (N/A) | No flashing content exists. |

### Keyboard

|  |  |  |
| --- | --- | --- |
| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.2: Meaningful Sequence](https://www.w3.org/TR/WCAG21/#meaningfuusequence) (A)  The correct reading sequence can be programmatically determined | Supports | The correct reading sequence is typically logical and programmatically determinable, with the DOM order according with the visual order. |
| [2.1.1: Keyboard](https://www.w3.org/TR/WCAG21/#keyboard) (A)  All functionality is available from a keyboard, except for tasks such as drawing | Partially supports | Most standard web page content and functionality is keyboard operable across pages.  **Exceptions**:   * Cart, Order Confirmation, Activity Details: "JPG" tooltip – Tooltip cannot be activated via keyboard operation, although its additional content may be found within the link destination's page content * Update Account: "Optional Information" expandable – Component is implemented as a heading and is not keyboard focusable/operable |
| [2.1.2: No Keyboard Trap](https://www.w3.org/TR/WCAG21/#no-keyboard-trap) (A)  The user can use the keyboard to move through page elements and is not trapped on a particular element | Supports | No pages have a keyboard trap. |
| [2.1.4: Character Key Shortcuts](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (A)  If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:   * Turn off * Remap * Active only on focus | Supports | The site does not use any character key shortcuts. |
| [2.4.3: Focus Order](https://www.w3.org/TR/WCAG21/#focus-order) (A)  Users can tab through the elements of a page in a logical order | Partially supports | Tab order is largely logical across the site and preserves the meaning and operability of content in most instances.  **Exceptions:**   * Collection, Search, Book Chapter page: "Add to Cart" modal – Container lacks proper focus management for a modal: focus may not be immediately placed within the dialog when it is activated, nor trapped inside the activated container * Books, Collection, Search: "Show more results/books" infinite scroll – Users can reach components in the footer after the initial grid of items via keyboard tabbing – however, proximity to the end of the page may result in the unexpected insertion, upon each subsequent tab, of additional items/links (via 'infinite scrolling') before the component in focus. Activating the "Show more results/books" buttons before the footer may similarly shift focus to a footer component (and initiates the 'infinite scroll' behavior), rather than to the item newly inserted in sequence. |
| [2.4.7: Focus Visible](https://www.w3.org/TR/WCAG21/#focus-visible) (AA)  The page element with the current keyboard focus has a visible focus indicator | Partially supports | Many all elements across the site have a decent visible indication of focus.  **Exceptions:**   * Landing page: Image links – Links lack visible indications of keyboard focus * Help: "Copyright Faq" expandable – Interactive components lack visible indications of keyboard focus * Book page: Chapter links, expand controls, carousel buttons – Links and components lack visible indications of keyboard focus * Books, Collection, Search, Lightboxes: Item links – Linked images, icons, and text lack visible indications of keyboard focus |
| [3.2.1: On Focus](https://www.w3.org/TR/WCAG21/#on-focus) (A)  When a UI component receives focus, this does not trigger unexpected actions. | Supports | Focusable elements do not cause unexpected actions/changes of context when receiving focus. |

### Headings and Structure

|  |  |  |
| --- | --- | --- |
| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.1: Information and Relationships](https://www.w3.org/TR/WCAG21/#info-and-relationships) (A)  Info, structure, and relationships can be programmatically determined | Partially supports | Most content is distinguishable via semantic structure and relationships. A logical heading order reflecting page organization and content is programmatically determinable on many pages (with several deficiencies including skipped heading levels or the lack of a first heading on certain pages). List markup is used appropriately in many instances; table markup is likewise utilized on e.g. Cart pages. However, several important input elements lack programmatically determinable labels, and HTML sectioning elements/landmark roles are not implemented accurately and consistently to help distinguish content regions.  **Exceptions:**   * Landing page: Main heading – Page lacks first heading level <h1> * All pages: Search field – Input lacks a programmatically determinable label (field placeholder text does not suffice) * All pages: Page structure – Pages lack the <main> landmark to designate the main content area. A navigation role is defined for the entire <header> element instead of only its component set of global navigation links. * Many pages: Breadcrumb – Breadcrumb is not contained within a navigation landmark (<nav>) * Book Chapter page: "Chapter" & "Jump to page" fields – Fields are not programmatically associated with their adjacent visible text labels * Collection, Search, Book Chapter page: Fields in "Add to Cart" modal – Drop-down select fields are not programmatically associated with adjacent visible text labels; text input field lacks a programmatically determinable label * Image page: "Pricing" fields – Drop-down select fields are not programmatically associated with adjacent visible text labels; text input field lacks a programmatically determinable label * Books: "Search Books…" field – Input lacks a programmatically determinable label (field placeholder text does not suffice) * Collection, Search: Headings – Pages lack first heading level <h1>. In tab panels, logical headings for each visually distinguished section of content (e.g. "#5592 Skull and Neck") lack heading markup. * Image page: "New Lightbox" field in "Save to Lightbox" popover – Input lacks a programmatically determinable label (field placeholder text does not suffice) * Image page: "Images on Similar Topics" checkbox inputs – Checkbox inputs are not grouped (e.g. contained within a fieldset or an element with group role). * Lightboxes: Fields in modals – Input lack programmatically determinable labels (field placeholder text does not suffice) * Advanced Search: Keywords fields – Inputs are not programmatically associated with their adjacent visible text labels * Advanced Search: Artists checkboxes – Related checkbox inputs are not grouped (e.g. contained within a fieldset or an element with group role) * Advanced Search: Multi-select fields – Inputs lack programmatically determinable labels; potential adjacent visible text labels are not programmatically associated * Register, Update Account: Form fields – Several fields are not programmatically associated with their adjacent visible text labels * Cart: "Please describe how…" field – Input lacks a programmatically determinable label (field placeholder text does not suffice) * Cart: "Coupon Code" field – Input is not programmatically associated with adjacent visible text label * Cart: Table – While table features a top row of column header cells, cells (containing image items) in its first column are not designated as row headers, and the bottom table cell is utilized for layout to position the "Continue Shopping" & "Clear Shopping Cart" buttons. * Checkout: Table – Table lacks appropriate table markup (header cells undefined) * Checkout: "License Agreement" checkbox – Input is not programmatically associated with adjacent visible text label and lacks programmatic indication of input requirement * My Account, Activity Details: "My Activity" list, "Activity History" list – Lists of orders/transactions lack semantic list markup |
| [2.4.1: Bypass Blocks](https://www.w3.org/TR/WCAG21/#bypass-blocks) (A)  Users can bypass repeated blocks of content. | Does not support | On some pages, a main heading and logical heading order allows AT users to conveniently jump to different areas of content. However, HTML sectioning elements/landmark roles are not implemented accurately and consistently (particularly evident in the lack of <main>) to help distinguish content regions.  **Exceptions:**   * All pages: Pages lack convenient skip links to main content (or other significant sections); pages lack <main> landmark |
| [2.4.6: Headings and Labels](https://www.w3.org/TR/WCAG21/#headings-and-labels) (AA)  Headings and labels are clear and consistent. | Supports | Headings and labels used are typically clear and descriptive. For example, most pages feature visually distinct (and often programmatically determinable main) and secondary headings to help distinguish content. |
| [3.1.1: Language of Page](https://www.w3.org/TR/WCAG21/#language-of-page) (A)  The language of the page is specified | Supports | The default page language is typically and appropriately defined as lang="en". |
| [3.1.2: Language of Parts](https://www.w3.org/TR/WCAG21/#language-of-parts) (AA)  Specify the language of text passages that are in a different language than the default language of the page. | Supports (N/A) | There are no sections of text that do not match the default language of the page. |
| [4.1.1: Parsing](https://www.w3.org/TR/WCAG21/#parsing) (A)  Use valid, error-free HTML | Supports | All pages use and error-free HTML; HTML and CSS typically pass concerning these 4 specific criteria:   1. elements have complete start and end tags, 2. elements are nested according to their specifications 3. elements do not contain duplicate attributes 4. any IDs are unique, except where the specifications allow these features.   Note: There may be other general HTML validation errors outside the scope of this criterion. |

### Labeling

|  |  |  |
| --- | --- | --- |
| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.5: Identify Input Purpose](https://www.w3.org/TR/WCAG21/#identify-input-purpose) (AA)  The purpose of each input field collecting information about the user can be programmatically determined when:  The input field serves a purpose identified in the Input Purposes for User Interface Components section; and the content is implemented using technologies with support for identifying the expected meaning for form input data. | Does not support | The only pages featuring applicable form elements that collect such information about the user are Sign In, Register, Checkout, and Update Account. Appropriate autocomplete attributes are not implemented on such fields to facilitate auto-fill.  **Exceptions:**   * Sign In, Register, Checkout, Update Account: Personal input fields – Relevant personal input fields lack autocomplete attributes |
| [2.4.2: Page Titled](https://www.w3.org/TR/WCAG21/#page-titled) (A)  The page has a title describing its topic or purpose | Does not support | A descriptive page title that identifies content/purpose is not present for many pages across the site.  **Exceptions:**   * Many pages: Page title – A descriptive page title that identifies content/purpose is not present for most pages (except Image/Book pages): "Welcome to Netter Images" is defined generically as the page title across many pages |
| [2.4.4: Link Purpose (In Context)](https://www.w3.org/TR/WCAG21/#link-purpose-in-context) (A)  The purpose of each link can be determined from the link text or surrounding context. | Partially supports | An identifiable purpose may be deduced for most links from the link text or surrounding context.  **Exceptions:**   * Landing page: "Browse Netter Images By Region" links – Hyperlinks to the same destination may be split over several link elements – e.g. an image link, two text links with differing labels, and an icon link lacking a text alternative * Books, Collection, Search: Item links – Sets of related links for individual items are organized visually within a logical grid, but may lack programmatically determinable link context due to less well-defined markup. Adjacent image and text links for each item are not combined; linked icons for e.g. "Add to Cart"/"Purchase Book" and "Add to Lightbox"/"Create book Lightbox" follow each item link(s) but are not otherwise disambiguated via more precise names or descriptions. "Purchase Book" does not indicate that its destination will open in a new window. * Order Confirmation: "click here" link – (not failure, but not best practice) link text is ambiguous and only meaningful in the context of text that follows it |
| [2.5.3: Label in Name](https://www.w3.org/TR/WCAG21/#label-in-name) (A)  For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | Partially supports | Almost all user interface components that have visible text contain that text consistently within the accessible name.  **Exceptions:**   * All pages: "Cookie Policy" link in cookie banner – Visible link text is overridden as the accessible name by a different aria-label attribute value |
| [3.2.4: Consistent Identification](https://www.w3.org/TR/WCAG21/#consistent-identification) (AA)  UI components used across the web site are identified consistently on every page. | Partially supports | Components are typically consistent across the site, and almost always identified consistently where they perform the same function across pages.  **Exceptions:**   * Collection: "Emailed this page" link – Link label contains a typographical error ("Emailed" vs "Email") that is not consistent with the labels of components with the same functionality on other pages. |
| [3.3.1: Error Identification](https://www.w3.org/TR/WCAG21/#error-identification) (A)  Input errors are clearly marked and described to the user. | Partially supports | In many instances, errors are identified and presented visually. For many inputs, errors are typically validated upon form submission. Brief error messages are typically presented in text toward the beginning of the page after form submission – and visually distinguished via different text and background colors (red). Error states may not be programmatically communicated to AT, although focus management is utilized to direct users to the first invalid field.  **Exceptions:**   * Register, Update Account: Error message – Brief error message displayed at the beginning of the form only pertains to the first field in sequence with invalid input |
| [3.3.2: Labels or Instructions](https://www.w3.org/TR/WCAG21/#labels-or-instructions) (A)  Items requiring user input are clearly labeled or have clear instructions. | Partially supports | Labels or instructions are provided for most form elements, some of which are programmatically associated with their inputs. Note: see SC 1.3.1 for exceptions where visible labels may not be programmatically associated with inputs. Visible text labels for several fields on Advanced Search are hyperlinks and may be inadvertently activated by users seeking to put focus on an input or toggling a checkbox – such behavior is not sufficiently indicated.  **Exceptions:**   * Sign In, Register, Update Account: Required fields – Asterisks '\*' are included within input labels to indicate required fields, however a statement explaining so may not exist or is only presented at the end of the form; required fields lack programmatically determinable indication e.g. required/aria-required attributes. * Cart: "Please describe how…" field – Field requirement is only indicated via asterisk '\*' adjacent to field and error status message; field lacks programmatically determinable indication e.g. required/aria-required attribute. |
| [3.3.3: Error Suggestion](https://www.w3.org/TR/WCAG21/#error-suggestion) (AA)  When the user makes an input error, give suggestions for valid input. | Supports | Error messages provide helpful suggested corrections in several instances (e.g. that password entry over two fields should match) – albeit only for the first field in sequence with invalid input. |
| [4.1.2: Name, Role, Value](https://www.w3.org/TR/WCAG21/#name-role-value) (A)  For all UI components, the name, value, and role can be programmatically determined. | Partially supports | Some UI components communicate their state programmatically, and many have accessible names that are appropriately defined. Several ARIA attributes and roles are not present where appropriate.  **Exceptions:**   * All pages: "Artists" drop-down menu in global navigation – Component is implemented as a regular link – without programmatically determinable indication that its activation will expand a submenu * All pages: Hamburger menu icon button – Button lacks an accessible name (its icon lacks an appropriate text alternative), and does not communicate state * Help: "Copyright Faq" expandable – Components are implemented as links/headings and do not communicate expand/collapse states * Book page: "Related Titles" carousel buttons – Previous/next buttons lack accessible names (icons lack text alternatives) * Book page: Chapter expand controls – Components, implemented as links, lack accessible names (icons lack appropriate text alternatives) and do not communicate expand/collapse states * Collection, Search, Book Chapter page: "Add to Cart" modal – Container lacks dialog role and aria-modal="true" attributes * Many pages: Close 'x' button in modals – Component is erroneously removed from the accessibility tree via aria-hidden="true" attribute, and lacks an appropriate accessible name (text label "x") * Books: "Search Books…" icon button – Button lacks an accessible name (its icon lacks an appropriate text alternative) * Collection: "View description" expandable – Component is implemented as a link and does not communicate expand/collapse states, although its label changes dynamically. Adjacent caret icon component is implemented as a separate element that lacks an accessible name. * Collection, Search: Tablist – The list of links to select/activate tabbed content does not communicate state (e.g. selected tab) to AT, and tabbed content does lacks appropriate roles, states, and properties to operate well overall as a manually activated tablist. (The selection of tabs is less functional for use with keyboard/AT, with focus being retained in the link list after activation.) * Image page: "Add to Lightbox" link – Component is implemented as a link (rather than a button) and does not communicate state * Lightboxes: Icon buttons – Components, implemented as links, lack accessible names (icons lack appropriate text alternatives) * Sign In, Register, Update Account: Error message close 'x' button – Component is removed from the accessibility tree via aria-hidden="true" attribute, and lacks an appropriate accessible name (text label "x") * Sign In: "Forgot your password?" link – Expandable/collapsible component is implemented as a link (rather than a button) and does not communicate state * Cart, Activity Details: "Edit/Delete" icon buttons – Components, implemented as links, lack accessible names (icons lack appropriate text alternatives) * Checkout: "Step" Accordion controls – Components are implemented as links (rather than buttons) and do not communicate state * Update Account: "Optional Information" expandable – Component is implemented as a heading and does not communicate expand/collapse states |
| [4.1.3: Status Messages](https://www.w3.org/TR/WCAG21/#status-messages) (AA)  In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | Does not support | Status messages, while uncommonly encountered, are typically not announced by assistive technology.  **Exceptions:**   * Book page, Book Chapter page: "Create lightbox..." success message – Brief success message is presented dynamically upon component activation, but is not announced to AT. * Book Chapter page, Image page: "# items in cart" status – Tally of items in cart is dynamically updated, but is not announced to AT * Books, Search: Search result tally – Tally of search results is dynamically updated without changes of context, but is not announced to AT * Books, Search: "Loading results" status – Loading states upon various input or tab/filter selections, while typically brief, are not announced to AT * Image page: "Save to Lightbox" success message – Brief success message is presented dynamically upon input, but is not announced to AT. * Lightboxes: "Loading results" status, success messages – Brief loading states and success messages upon various interactions are not announced to AT * Sign In, Register, Update Account: Error message – Brief error messages are presented dynamically upon form submission, but are not announced to AT – although focus management is utilized to direct users to the first invalid field. * Cart: Items in cart tally, "Item Removed" & "Please describe how" messages – Tally of items in cart and various status messages are dynamically updated/inserted without changes of context, but are not announced to AT * Checkout: Error message – Brief error messages may be presented dynamically at a couple of points upon form submission, but may not be announced to AT – appropriate focus management is only utilized in one instance |

### Multimedia

|  |  |  |
| --- | --- | --- |
| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.2.1: Audio-only or Video-only (Prerecorded)](https://www.w3.org/TR/WCAG21/#audio-only-and-video-only-prerecorded) (A)  Provide alternatives for pre-recorded audio-only or video-only content. | Supports (N/A) | There is no pre-recorded audio-only or video-only content. |
| [1.2.2: Captions (Prerecorded)](https://www.w3.org/TR/WCAG21/#captions-prerecorded) (A)  Provide captions for pre-recorded audio | Supports (N/A) | There is no pre-recorded audio content. |
| [1.2.3: Audio Description or Media Alternative (Prerecorded)](https://www.w3.org/TR/WCAG21/#audio-description-or-media-alternative-prerecorded) (A)  Provide alternatives for pre-recorded synchronized audio/video | Supports (N/A) | There is no pre-recorded synchronized audio/video content. |
| [1.2.4: Captions (Live)](https://www.w3.org/TR/WCAG21/#captions-live) (AA)  Provide captions for live audio in synchronized audio/video. | Supports (N/A) | There is no synchronized audio/video content nor live audio. |
| [1.2.5: Audio Description (Prerecorded)](https://www.w3.org/TR/WCAG21/#audio-description-prerecorded) (AA)  Provide an audio description of pre-recorded video. | Supports (N/A) | There is no pre-recorded video content. |
| [1.4.2: Audio Control](https://www.w3.org/TR/WCAG21/#audio-control) (A)  Audio can be paused and stopped, or the audio volume can be changed. | Supports (N/A) | No pages feature audio that plays automatically. |
| [2.2.2: Pause, Stop, Hide](https://www.w3.org/TR/WCAG21/#pause-stop-hide) (A)  Users can stop, pause, or hide moving, blinking, scrolling, or auto-updating information. | Partially supports | Most pages do not feature any moving, scrolling, or auto-updating information.  **Exceptions:**   * Book page: "Related Titles" carousel – The carousel of related book titles automatically scrolls and lacks controls to stop, pause, or hide |

### Usability

|  |  |  |
| --- | --- | --- |
| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [2.2.1: Timing Adjustable](https://www.w3.org/TR/WCAG21/#pause-stop-hide) (A)  Users are warned of time limits shorter than 20 hours and time limits can be turned off or extended | Supports | Pages are not subject to session time limits – or the time limit is longer than 20 hours. |
| [2.4.5: Multiple Ways](https://www.w3.org/TR/WCAG21/#multiple-ways) (AA)  More than one way is available to navigate to other web pages. | Supports | All pages (except steps/results of a process) may typically be located and accessed in multiple ways. For example, global navigation is consistently available across pages, and secondary navigation is often present in the form of breadcrumb trails representing page hierarchy. Users can find specific Image pages via Search functionality, topical index pages (Collection/Books), and Book Chapter lists/previews. |
| [3.2.2: On Input](https://www.w3.org/TR/WCAG21/#on-input) (A)  Changing the setting of a checkbox, radio button, or other UI component does not trigger unexpected changes in context. | Supports | User input, such as changing the values of form elements, does not initiate unexpected actions or changes in context. |
| [3.2.3: Consistent Navigation](https://www.w3.org/TR/WCAG21/#consistent-navigation) (AA)  Navigation menus are in the same location and order on every web page. | Supports | Navigation menus are typically consistent across pages. For example, global navigation links in the header and footer are consistent across pages, occurring in the same order; secondary navigation (e.g. breadcrumbs) is consistently positioned across appropriate sets of pages. |
| [3.3.4: Error Prevention (Legal, Financial, Data)](https://www.w3.org/TR/WCAG21/#error-prevention-legaufinanciaudata) (AA)  For web pages with legal or financial commitments, input can be reviewed and corrected before final submission, and submissions can be reverted. | Supports | Users may review and modify Cart contents before proceeding to Checkout. The Checkout & Order Confirmation process additionally permits the user to review the intended purchase (including item quantities and pricing) at multiple points before final confirmation. User account information necessary for completing orders (e.g. contact details and addresses) may be modified during Checkout or at any point via Update Account. |

### Mobile User Experience

|  |  |  |
| --- | --- | --- |
| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.4: Orientation](https://www.w3.org/TR/WCAG21/#orientation)) (AA)  Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Supports | Pages do not restrict view and operation of content to a single orientation. |
| [2.5.1: Pointer Gestures](https://www.w3.org/TR/WCAG21/#pointer-gestures) (A)  All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | Supports | Pages do not utilize or require multipoint or path-based gestures for any functionality. |
| [2.5.2: Pointer Cancellation](https://www.w3.org/TR/WCAG21/#pointer-cancellation) (A)  For functionality that can be operated using a single pointer, at least one of the following is true:   * No Down-Event * Abort or Undo * Up Reversal * Essential | Supports | All interactive content functions through the Up-Event, allowing users to potentially move their pointer off the component to cancel. |
| [2.5.4: Motion Actuation](https://www.w3.org/TR/WCAG21/#motion-actuation) (A)  Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:   * Supported Interface * Essential | Supports | There is no content that utilizes device or user motion. |