

Miro Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: Miro

Report Date: July 2022

Product Description: Miro is the online collaborative whiteboard platform that enables distributed teams to work effectively together, from brainstorming with digital sticky notes to planning and managing agile workflows.

Contact Information: Phil Strain, accessibility@miro.com

Notes: N/A

Evaluation Methods Used: Testing Miro involved a combination of manual and functional testing on desktop. Level Access (Level) comprehensively tested a selection of experiences representative of Miro using, among other methodology, the screen reader JAWS 2022, exclusive use of the keyboard, and manual inspection of code. Level also functionally tested several typical user flows with the JAWS 2022 screen reader.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.x Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p>1.1.1 Non-text Content (Level A)</p>	<p>Partially Supports</p>	<p>Non-text content that is presented to the user has a text alternative that conveys the equivalent information, in some instances. A rating of Partially Supports has been given for the following reasons:</p> <ul style="list-style-type: none"> • Non-Canvas dashboard - custom controls do not provide name, role, or state information. • Canvas: Board – the canvas image does not programmatically provide alternative text for assistive technology. (* There is a read only screen reader mode that provides access to stickies, shapes, and text within the canvas area.) • Canvas: Guide dialog - custom controls do not provide name, role, or state information. • Canvas: Widget - custom controls do not provide name, role, or state information. • Canvas: Add a Comment:

		<ul style="list-style-type: none"> – The "KK" profile image beside the User Profile Name text is not marked as decorative. – Controls are not providing textual name, role and/or state.
<u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)	Supports	Neither audio nor video content is present in the product.
<u>1.2.2 Captions (Prerecorded)</u> (Level A)	Supports	No content requiring captions is present in the product.
<u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)	Supports	No content requiring captions is present in the product.

[1.3.1 Info and Relationships](#) (Level A)

Partially Supports

Some relationships are conveyed both visually and programmatically. A rating of Partially Supports has been given for the following reasons:

- Non-Canvas: Template Detail - The "Kanban Framework" dialog does not provide a adequately specific accessible label.
- Canvas: Widget:
 - The "Bulk mode" in notes is still programmatically structured as a list element.
 - Some interactive elements are only styled to look like a list but are not programmatically indicated as such in the HTML.
- Canvas: Frames text is only styled to look like heading but is not marked as such in HTML.
- Canvas: Add a Comment:
 - Buttons are only styled to look like a list but are not programmatically indicated as such in the HTML.

		<ul style="list-style-type: none"> – The bell icon button is missing the "aria-label" attribute. – Some text areas are missing a label element. – The "Add a Comment" dialog is not marked as such. • Canvas: Share - group(s) of form controls do not provide <fieldset> and <legend> elements. • Canvas: Export - radio buttons are not nested in a fieldset element.
1.3.2 Meaningful Sequence (Level A)	Supports	Visual order aligns with programmatic order throughout the product.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions that rely solely on sensory characteristics are not included in the product.

<p>1.4.1 Use of Color (Level A)</p>	<p>Partially Supports</p>	<p>Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. A rating of Partially Supports has been given for the following reason:</p> <ul style="list-style-type: none"> • Canvas: Widget -elements in the toolbar use color as the only visual means to convey state, selection, or other information.
<p>1.4.2 Audio Control (Level A)</p>	<p>Supports</p>	<p>No audio content that plays automatically is present in the product.</p>

<p>2.1.1 Keyboard (Level A)</p>	<p>Partially Supports</p>	<p>Much of the content within the product is operable through a keyboard interface without requiring specific timings for individual keystrokes. A rating of Partially Supports has been given for the following reasons:</p> <ul style="list-style-type: none"> • Canvas: Frames - frames in the bar/list view are not keyboard focusable. • Canvas: Export: <ul style="list-style-type: none"> – The export button is not operable/focusable with the keyboard. – The functionality to adjust the size of the image to export is not keyboard operable. – The "set start area" button and the "resize area controls" are not keyboard operable. • Canvas: Voting: <ul style="list-style-type: none"> – The "voting area" cannot be resized/adjusted with the keyboard alone. – Keyboard users are not able to vote, interact or focus on elements on the CANVAS element.
<p>2.1.2 No Keyboard Trap (Level A)</p>	<p>Supports</p>	<p>No keyboard traps are present in the product.</p>

2.1.4 Character Key Shortcuts (Level A 2.1 only)	Supports	No keyboard shortcuts are present in the product.
2.2.1 Timing Adjustable (Level A)	Supports	The product includes a session time out with a warning provided to logged in users.
2.2.2 Pause, Stop, Hide (Level A)	Supports	There is no moving, blinking, scrolling or auto-updating content in the product.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	There is no flashing content in the product.
2.4.1 Bypass Blocks (Level A)	Supports	The product provides a mechanism to bypass repetitive content for all pages.
2.4.2 Page Titled (Level A)	Partially Supports	Pages have a unique title which provides context for the items found there. A rating of Partially Supports has been given for the following reason: <ul style="list-style-type: none"> Canvas: Export - the dropdown that appears by activating the Export button does not have an accessible name.
2.4.3 Focus Order (Level A)	Supports	Focus moves as expected, following the visual path on the page.
2.4.4 Link Purpose (In Context) (Level A)	Supports	Link text is appropriate and defines purpose in context.
2.5.1 Pointer Gestures (Level A 2.1 only)	Supports	The product does not require multipoint or path-based gestures for operation.

2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	Functionality within the product using a single pointer does not use the down-event to execute any part of the function.
2.5.3 Label in Name (Level A 2.1 only)	Partially Supports	In the product where user interface components with labels include text, the name containing the text is almost always presented visually. A rating of Partially Supports has been given for the following reason: <ul style="list-style-type: none"> Canvas: Add a Comment - the bell icon button is announced as "unlabeled one button" because it has no "aria-label" attribute.
2.5.4 Motion Actuation (Level A 2.1 only)	Supports	The product does not have functionality that requires device motion or user motion.
3.1.1 Language of Page (Level A)	Supports	The human language of the web pages can be programmatically determined within the product.
3.2.1 On Focus (Level A)	Supports	No component in the product activates or changes content when a user places focus.
3.2.2 On Input (Level A)	Supports	No component activates or changes context when the setting of a user interface component is changed, except where a user has been advised of that behavior.
3.3.1 Error Identification (Level A)	Supports	Errors are associated with their inputs such that assistive technology conveys the information to its users.

<p>3.3.2 Labels or Instructions (Level A)</p>	<p>Partially Supports</p>	<p>The product does not initiate a change in context when the setting of a user interface component is changed, except where a user has been advised of that behavior. A rating of Partially Supports has been given for the following reason:</p> <ul style="list-style-type: none"> • Canvas: Share - group(s) of form controls do not provide <fieldset> and <legend> elements.
<p>4.1.1 Parsing (Level A)</p>	<p>Supports</p>	<p>Elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.</p>

[4.1.2 Name, Role, Value](#) (Level A)

Partially Supports

Generally, the various elements in the product have the correct name, role, and/ or value. A rating of Partially Supports has been given for the following reasons:

- Non-Canvas: Dashboard - With JAWS turned on, the "star" and the "three dot" menu are announced as "Kanban framework link". This does not occur with NVDA.
- Non-Canvas: Template Detail - the "Kanban Framework" dialog does not provide a adequately specific accessible label.
- Canvas: Guide dialog - the "close" control is a button, so screen readers identify it as such and expose it to users.
- Canvas: Widget:
 - Custom controls do not provide textual name (link or button label, form label text), role (i.e. identify as button, link, text field, etc.), and/or state information (i.e. "expanded", "collapsed", selected, current).
 - Elements are still missing textual names and roles.

		<ul style="list-style-type: none"> • Canvas: Add a Comment: <ul style="list-style-type: none"> – The bell icon button is announced as "unlabeled one button" because it has no "aria-label" attribute. – LABEL tag is not provided for the TEXTAREA. – The "Add a Comment" dialog is not marked as such. • Canvas: Export - arrow keys cannot cycle through radio buttons in the group and radio buttons are not nested in a fieldset element.
--	--	--

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Supports	No content requiring live captions is present in the product.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	No content requiring audio description is present in the product.
1.3.4 Orientation (Level AA 2.1 only)	Supports	Content within the product does not restrict its view and operation to a single display orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	The purpose of each input field collecting information about the user in the product can be programmatically determined.

<p>1.4.3 Contrast (Minimum) (Level AA)</p>	<p>Partially Supports</p>	<p>In general, the product does a good job of ensuring text contrast meets or exceeds requirements. A rating of Partially Supports has been given for the following reason:</p> <ul style="list-style-type: none"> • Canvas: Widget - the contrast ratio for "Type to bulk add notes" placeholder text is still below the minimum contrast ratio.
<p>1.4.4 Resize text (Level AA)</p>	<p>Supports</p>	<p>Text can be resized to 200% without loss of information or functionality.</p>
<p>1.4.5 Images of Text (Level AA)</p>	<p>Supports</p>	<p>Text is used instead of images of text.</p>

<p>1.4.10 Reflow (Level AA 2.1 only)</p>	<p>Partially Supports</p>	<p>In some instances, the product allows content to reflow on smaller screens. A rating of Partially Supports has been given for the following reasons:</p> <ul style="list-style-type: none">• Content and/or functionality is lost when the horizontal width is 320 CSS pixels/vertical height is 256 CSS pixels in the following modules:<ul style="list-style-type: none">– Non-Canvas: Template picker– Canvas: Share– Canvas: Export– Non-Canvas: Voting– Non-Canvas: Settings• Non-Canvas: Apps dialog, including search - the + button needs improved responsiveness
--	---------------------------	---

<p>1.4.11 Non-text Contrast (Level AA 2.1 only)</p>	<p>Partially Supports</p>	<p>The visual presentation of non-text content across the product mostly has a contrast ratio of at least 3:1. A rating of Partially Supports has been given for the following reason:</p> <ul style="list-style-type: none"> • Active interface control(s) do not meet the required contrast ratio of 3:1 in the following modules: <ul style="list-style-type: none"> – Canvas: Widget – all sticky note elements (except black). – Non-Canvas: Reactions – heart, fire, hand, face, and celebration emojis.
<p>1.4.12 Text Spacing (Level AA 2.1 only)</p>	<p>Partially Supports</p>	<p>For the most part, increasing the spacing of text to the required limits does not negatively impact access to information or functionality. A rating of Partially Supports has been given for the following reason:</p> <ul style="list-style-type: none"> • Canvas: Add a Comment - when attempting to override text spacing, content is cut off or missing.
<p>1.4.13 Content on Hover or Focus (Level AA 2.1 only)</p>	<p>Supports</p>	<p>Content on the product which is displayed on pointer hover or keyboard focus is dismissible, hoverable and persistent.</p>
<p>2.4.5 Multiple Ways (Level AA)</p>	<p>Supports</p>	<p>The product allows for multiple ways to access its content.</p>

2.4.6 Headings and Labels (Level AA)	Supports	The product has headings and labels that are unique.
2.4.7 Focus Visible (Level AA)	Partially Supports	The product provides a visible indication of keyboard focus for almost all elements on pages. A rating of Partially Supports has been given for the following reason: <ul style="list-style-type: none"> • Canvas: Add a Comment - There is no visual indication of keyboard focus on the bell icon.
3.1.2 Language of Parts (Level AA)	Supports	The product does not use inline languages in its pages.
3.2.3 Consistent Navigation (Level AA)	Supports	Components with the same functionality are consistently identified throughout the product.
3.2.4 Consistent Identification (Level AA)	Supports	Components with the same functionality are consistently identified throughout the product.
3.3.3 Error Suggestion (Level AA)	Supports	Fields with errors provide sufficient suggestions on how to resolve the error present.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	The product does not contain pages that cause legal commitments or financial transactions, or pages that irreversibly modify user-controllable data.
4.1.3 Status Messages (Level AA 2.1 only)	Supports	The product utilizes status messages in an accessible manner.

Table 3: Success Criteria, Level AAA

Notes: Not Tested

Legal Disclaimer (Company)

©2022 REALTIMEBOARD, INC DBA MIRO. Any ACR provided by Miro or otherwise publicly available, is provided for informational purposes only and shall not be construed to be included in any contract, either explicitly or implicitly, in whole or in part, unless otherwise expressly agreed to in writing by Miro.

The ACR list may be updated by Miro at any time. To request a copy of our current ACR, please contact Phil Strain, accessibility@miro.com.