# The MathWorks, Inc.

# Accessibility Conformance Report

# WCAG Edition

**(Based on VPAT**® **Version 2.5)**

## Name of Product/Version: MATLAB® Online™ (R2025b)

## Report Date: September 17, 2025

## Product Description: MATLAB Online (<https://matlab.mathworks.com/>) is the web version of MATLAB, a high-level language and interactive technical computing environment used by engineers and scientists.

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## Notes:

This VPAT assesses representative product components associated with common user workflows in MATLAB Online, which include: creating variables, calling a function, saving data to a file, loading data from a file, creating a data plot, using the Editor to create, run, save, modify a MATLAB script, and accessing MATLAB Documentation.

The following areas are not assessed in this VPAT: Apps, Toolboxes and Add-ons, interactive features in graphics, Videos, Answers, and Simulink Online (with the exception of Criteria “2.1.2 No Keyboard Trap” below).

Please note that the changes to the overall codebase of MATLAB Online are deployed frequently, which might change the level of accessibility of the product. Major updates to MATLAB Online are included in the [MATLAB release notes](https://www.mathworks.com/help/matlab/release-notes.html), which also include updates for bug fixes. Visit Bug Reports to see information on [accessibility bugs in R2025a](https://www.mathworks.com/support/bugreports/?&bug_type%5b%5d=4). You can follow accessibility bugs to be kept apprised of updates, workarounds, and fixes.

Refer to our [Accessibility Statement](https://www.mathworks.com/support/accessibility.html) to learn more about recent accessibility improvements in MATLAB Online.

## Evaluation Methods Used:

* **Screen Reader:** Tested with NVDA on Windows 11 running MATLAB Online in Chrome browser.
* **Contrast check:** Tested in Windows 11 High Contrast themes enabled and checked contrast with [Color Contrast Checker](https://webaim.org/resources/contrastchecker/).
* **Text resize:** Tested content and functionality at different zoom levels (up to 200%) in Chrome browser.
* **Manual check:** audio/video content, sensory characteristics, keyboard navigation, focus visible, focus order, images of text, consistent navigation, error messages.

## 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](http://www.w3.org/TR/2008/REC-WCAG20-20081211) | Level A (Yes)  Level AA (Yes)  Level AAA (No) |
| [Web Content Accessibility Guidelines 2.1](https://www.w3.org/TR/WCAG21) | 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 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](https://www.w3.org/TR/WCAG20/#conformance-reqs).

### Table 1: Success Criteria, Level A

| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| --- | --- | --- |
| [**1.1.1 Non-text Content**](http://www.w3.org/TR/WCAG20/#text-equiv-all) | Partially Supports | Over 90% of images in MATLAB documentation have alternate text. Basic graphics in Figures have a text alternative but advanced graphics in Figures and graphical output in Live Editor do not have a text alternative. |
| [**1.2.1 Audio-only and Video-only (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) | Not Applicable |  |
| [**1.2.2 Captions (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-captions) | Supports | Audio is not required for product operation, though audio-generating features do exist. A few Documentation pages have embedded videos as an alternate presentation for text content on the page. |
| [**1.2.3 Audio Description or Media Alternative (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) | Supports | Audio is not required for product operation, though audio-generating features do exist. A few Documentation pages have embedded videos as an alternate presentation for text content on the page. |
| [**1.3.1 Info and Relationships**](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) | Partially Supports | The structure and/or relationship of controls and content in certain workflows is not uniformly available to assistive technology. |
| [**1.3.2 Meaningful Sequence**](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) | Partially Supports | Order of components does not affect the meaning of content in MATLAB Online. The sequence and relationship of content displayed in tabular format including Workspace and Variable Editor is not available to assistive technology. |
| **[1.3.3 Sensory Characteristics](http://www.w3.org/TR/WCAG20/" \l "content-structure-separation-understanding)** | Supports |  |
| **[1.4.1 Use of Color](http://www.w3.org/TR/WCAG20/" \l "visual-audio-contrast-without-color)** | Partially Supports | Information in error messages and graphics might occasionally be encoded only in color. |
| [**1.4.2 Audio Control**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) | Not Applicable |  |
| **[2.1.1 Keyboard](http://www.w3.org/TR/WCAG20/" \l "keyboard-operation-keyboard-operable)** | Partially Supports | Some features in the Editor, Live Editor and Figure are not accessible with a keyboard. |
| **[2.1.2 No Keyboard Trap](http://www.w3.org/TR/WCAG20/" \l "keyboard-operation-trapping)** | Partially Supports | The Simulink Online window cannot be closed using a keyboard. |
| [**2.1.4 Character Key Shortcuts**](https://www.w3.org/TR/WCAG21/#character-key-shortcuts)(Level A 2.1 only) | Supports |  |
| **[2.2.1 Timing Adjustable](http://www.w3.org/TR/WCAG20/" \l "time-limits-required-behaviors)** | Supports |  |
| [**2.2.2 Pause, Stop, Hide**](http://www.w3.org/TR/WCAG20/#time-limits-pause) | Not Applicable | MATLAB Online does not run any animations or multimedia content automatically. |
| [**2.3.1 Three Flashes or Below Threshold**](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) | Supports |  |
| [**2.4.1 Bypass Blocks**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) | Supports |  |
| [**2.4.2 Page Titled**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) | Supports |  |
| [**2.4.3 Focus Order**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-order) | Supports | Supports with Exception:   * We are actively investigating focus navigation issues in certain workflows. Bug reports will be created as needed based on this analysis. |
| [**2.4.4 Link Purpose (In Context)**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) | Supports |  |
| **[2.5.1 Pointer Gestures](https://www.w3.org/TR/WCAG21/" \l "pointer-gestures)**  (Level A 2.1 only) | Not Applicable |  |
| [**2.5.2 Pointer Cancellation**](https://www.w3.org/TR/WCAG21/#pointer-cancellation)  (Level A 2.1 only) | Partially Supports | Menu buttons expand on down event of pointer. |
| [**2.5.3 Label in Name**](https://www.w3.org/TR/WCAG21/#label-in-name)  (Level A 2.1 only) | Supports |  |
| [**2.5.4 Motion Actuation**](https://www.w3.org/TR/WCAG21/#motion-actuation)  (Level A 2.1 only) | Not Applicable | MATLAB Online is not supported on smartphones or tablets and is not tested for mobile devices with motion sensors. |
| [**3.1.1 Language of Page**](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) | Supports |  |
| [**3.2.1 On Focus**](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-focus) | Supports |  |
| [**3.2.2 On Input**](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) | Supports |  |
| [**3.3.1 Error Identification**](http://www.w3.org/TR/WCAG20/#minimize-error-identified) | Partially Supports | Errors are identified and displayed but some error messages in the Editor, Live Editor, and Create Account workflow are not available to assistive technology. |
| [**3.3.2 Labels or Instructions**](http://www.w3.org/TR/WCAG20/#minimize-error-cues) | Supports |  |
| [**4.1.1 Parsing**](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) | Does Not Support | HTML code for custom controls has not been fully validated for use with assistive technology. |
| [**4.1.2 Name, Role, Value**](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) | Partially Supports | Details about custom controls in Editor, Live Editor and Figure are not uniformly available to assistive technology. |

### Table 2: Success Criteria, Level AA

| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| --- | --- | --- |
| [**1.2.4 Captions (Live)**](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions) | Not Applicable |  |
| [**1.2.5 Audio Description (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) | Not Applicable |  |
| [**1.3.4 Orientation**](https://www.w3.org/TR/WCAG21/#orientation)  (Level AA 2.1 only) | Supports |  |
| [**1.3.5 Identify Input Purpose**](https://www.w3.org/TR/WCAG21/#identify-input-purpose)  (Level AA 2.1 only) | Supports |  |
| [**1.4.3 Contrast (Minimum)**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) | Supports |  |
| [**1.4.4 Resize text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) | Supports |  |
| [**1.4.5 Images of Text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation) | Partially Supports | Textual information is presented as text except for textual information in Figures which is not available to assistive technology. |
| [**1.4.10 Reflow**](https://www.w3.org/TR/WCAG21/#reflow)  (Level AA 2.1 only) | Partially Supports | Users have the capability to move, resize, maximize/minimize individual components and improve readability. Horizontal or vertical scrolling may be required. |
| [**1.4.11 Non-text Contrast**](https://www.w3.org/TR/WCAG21/#non-text-contrast)  (Level AA 2.1 only) | Supports |  |
| [**1.4.12 Text Spacing**](https://www.w3.org/TR/WCAG21/#text-spacing)  (Level AA 2.1 only) | Does Not Support | MATLAB Online does not support changing text style properties like line height, letter spacing or word spacing. |
| [**1.4.13 Content on Hover or Focus**](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus)(Level AA 2.1 only) | Does Not Support | In some cases, tooltip content might not be hoverable or dismissible without moving pointer hover. |
| [**2.4.5 Multiple Ways**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc) | Supports |  |
| [**2.4.6 Headings and Labels**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) | Supports |  |
| [**2.4.7 Focus Visible**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) | Supports |  |
| [**3.1.2 Language of Parts**](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id) | Not Applicable |  |
| [**3.2.3 Consistent Navigation**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) | Supports |  |
| [**3.2.4 Consistent Identification**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) | Supports |  |
| [**3.3.3 Error Suggestion**](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions) | Partially Supports | Suggestions for error corrections are displayed but some error suggestions in the Editor, Live Editor, and Create Account workflow are not available to assistive technology. |
| [**3.3.4 Error Prevention (Legal, Financial, Data)**](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) | Not Applicable |  |
| [**4.1.3 Status Messages**](https://www.w3.org/TR/WCAG21/#status-messages)  (Level AA 2.1 only) | Does Not Support | Status messages may not always be programmatically determined. |

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