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Executive Summary

Mango Languages Web App

Accessibility Conformance Report

Access Ingenuity, an independent authority in web accessibility, has evaluated the Mango Languages Web Application and found that it was substantially compliant with WCAG 2.1 Level AA guidelines. There are a few lower severity accessibility issues that could present barriers to some users with disabilities, but most users should be able to access the application.

The Information Technology Industry Council (ITIC) has published recommended language to be used in completing Accessibility Conformance Reports (ACRs) that has been designed to create simplicity and uniformity/consistency in ACRs presented by a variety of suppliers. In preparing the Mango Languages ACR, Access Ingenuity has used the ITIC-recommended *VPAT 2.5 WCAG* format.

Based on this evaluation and on information published on the ITIC website (<http://www.itic.org>), Access Ingenuity presents the ACR for the Mango Languages Web App on the following pages.

Mango Languages Web App Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: [Mango Languages Web App](#)

Report Date: June 27, 2025

Product Description: Language learning application providing learners multiple avenues to learn and practice over 70 languages.

Contact Information: support@mangolanguages.com

Notes: This ACR was prepared using the in-depth evaluation of a sampling of pages in the Mango Languages Web Application. The pages were chosen to represent the unique templates used throughout the website. The evaluation was a continuation of a previous accessibility evaluation.

Evaluation Methods Used:

Conformance to the listed accessibility standards was evaluated between June 19-27, 2025, using a combination of static analysis tools and manual testing with assistive technologies.

The evaluation was conducted in the following operating system and browser/screen reader combination:

1. Desktop Environments

Windows 11: Chrome Version 137-138/JAWS 2025

The accessibility assessment was executed per the following steps:

- I. A sighted accessibility expert conducted an overall technical analysis to identify issues of technical compliance that would affect mobility-impaired, deaf/hearing-impaired, and low-vision users. The evaluator inspected the web pages using Chrome and the Chrome Developer tools as well as the axe DevTools and ARC plugins.
- II. Keyboard accessibility analysis (for mobility and physically challenged users) was conducted by attempting to thoroughly navigate the web pages through the keyboard, without using a mouse.
- III. The accessibility for low-vision users was evaluated two ways: (1) using the resizing capability offered by the browser, and (2) using Colour Contrast Analyser (CCA) Version 3.5.3
- IV. Videos were assessed for proper captioning for deaf and hard-of-hearing users as well as the need for audio descriptions and transcripts for screen reader users.
- V. An expert screen reader user conducted screen reader testing. The goal was to identify accessibility barriers that are likely to be experienced by users who are blind.

Any usability issues for users with disabilities encountered during the accessibility assessments were also noted.

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)
Web Content Accessibility Guidelines 2.2	Level A (No) Level AA (No) 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 only be used in WCAG Level AAA criteria.

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 2.1 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	The website provides alternative text as well as accessible button and link labeling with a few exceptions, such as the progress bar in activities.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Partially Supports	There is non-live audio-only content provided for pronunciation of words. Users also have control over transcripts showing when listening to conversation activities. The only exception are quizzes that have a conversation with no transcript available.
1.2.2 Captions (Prerecorded) (Level A)	Supports	There is no video content in the application.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	There is no video content in the application.
1.3.1 Info and Relationships (Level A)	Partially Supports	Most semantic structure is accurate. In a few instances semantic structure is not provided or not provided correctly such as incorrect list structure or missing headings.
1.3.2 Meaningful Sequence (Level A)	Partially Supports	Reading order on the site followed an intuitive and meaningful sequence in most areas; however assistive technology users may be taken back to the top of a page after completing an interaction. Also, users may have to navigate past an interaction to reach the instructions.
1.3.3 Sensory Characteristics (Level A)	Supports	Information on the website does not rely on shape, size, visual location, or sound.
1.4.1 Use of Color (Level A)	Partially Supports	Color alone is largely not used as the sole method of conveying information. However,

Criteria	Conformance Level	Remarks and Explanations
		there are instances it is used to identify content, such as a selected link in a set of other links.
1.4.2 Audio Control (Level A)	Supports	Any audio provided can be paused, can be turned off in settings, or is only turned on through user interaction, as opposed to automatically playing content.
2.1.1 Keyboard (Level A)	Partially Supports	<p>Much of the functionality is available using the keyboard with the following exceptions:</p> <ul style="list-style-type: none"> • Unlabeled, visually unavailable buttons appear once users interact with some forms and are exposed in the focus order.
2.1.2 No Keyboard Trap (Level A)	Supports	Keyboard focus was never locked or trapped at any page element of the website.
2.1.4 Character Key Shortcuts (Level A)	Supports	No author-defined keyboard shortcuts are used on the website.
2.2.1 Timing Adjustable (Level A)	Supports	Users are not timed while using the site. For interactions where answers are revealed after a set amount of time, users have the opportunity to pause this feature.
2.2.2 Pause, Stop, Hide (Level A)	Supports	Users have the opportunity to pause any moving content presented on the site.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	There is no flashing content on the website.
2.4.1 Bypass Blocks (Level A)	Supports	The website contains skip links to move to the main sections of the application.
2.4.2 Page Titled (Level A)	Supports	Informative page titles are provided throughout the website.
2.4.3 Focus Order (Level A)	Partially Supports	The navigation order of links and other interactive controls is largely intuitive, however,

Criteria	Conformance Level	Remarks and Explanations
		focus may get sent to the top of the page after completing an interaction.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of the links and form image buttons on the website is identified.
2.5.1 Pointer Gestures (Level A)	Supports	All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture.
2.5.2 Pointer Cancellation (Level A)	Supports	There were no issues with pointer cancellation.
2.5.3 Label in Name (Level A)	Supports	The accessible names of interactive content matched or contained the visually available labels.
2.5.4 Motion Actuation (Level A)	Supports	There was no functionality requiring device motion.
3.1.1 Language of Page (Level A)	Supports	The language of the website is appropriately identified on all pages.
3.2.1 On Focus (Level A)	Supports	When focus changes on the site, this does not ever cause a change in page content, spawn a new browser window, or cause any other change that disorients the user.
3.2.2 On Input (Level A)	Partially Supports	When a user inputs information or interacts with a form control on the site, this largely does not result in a change in the page content. However, there are a few exceptions where content is revealed on input.
3.3.1 Error Identification (Level A)	Partially Supports	Error identification is provided when forms are submitted without selecting a value(s) however, the error messages provided could be more informative.

Criteria	Conformance Level	Remarks and Explanations
3.3.2 Labels or Instructions (Level A)	Partially Supports	The website provides appropriate labels and instructions with one exception: <ul style="list-style-type: none"> Instructions are not provided for entering a valid username
4.1.1 Parsing (Level A) WCAG 2.0 and 2.1 – Always answer ‘Supports’ WCAG 2.2 (obsolete and removed) - Does not apply	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata .
4.1.2 Name, Role, Value (Level A)	Partially Supports	Markup on the website has been used to facilitate accessibility however, there are instances where it has not been implemented, such as the selected state of elements not being communicated to assistive technology.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Supports	There is no live multimedia content on the website.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	There is no video content in the application.
1.3.4 Orientation (Level AA)	Supports	The website can be oriented for both portrait and landscape.
1.3.5 Identify Input Purpose (Level AA)	Partially Supports	Autocomplete attributes were only provided on some relevant form fields.
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	There are a few instances of insufficient color contrast throughout the site, impacting areas such as side panel navigation,
1.4.4 Resize text (Level AA)	Supports	Users can magnify content to 200% without loss of content.

Criteria	Conformance Level	Remarks and Explanations
1.4.5 Images of Text (Level AA)	Supports	Images of text were not used when text would have been appropriate.
1.4.10 Reflow (Level AA)	Partially Supports	Horizontal scrolling is required on some pages when reflow is applied and some pages experience a loss of content. However, there is also an Android and iOS app available that do not have these issues.
1.4.11 Non-text Contrast (Level AA)	Partially Supports	Some non-text content has insufficient color contrast such as the various focus indicators provided throughout the site, form fields, and close icons on modals.
1.4.12 Text Spacing (Level AA)	Supports	Text spacing can be applied without a loss of content.
1.4.13 Content on Hover or Focus (Level AA)	Supports	Content presented on hover did not result in any barriers.
2.4.5 Multiple Ways (Level AA)	Partially Supports	Most of the application is a learning module that requires sequential navigation through the process. No secondary method is available to find pages on the site.
2.4.6 Headings and Labels (Level AA)	Partially Supports	The site does contain many informative headings and labels, however, there are some interactive elements where the label needs to be more informative.
2.4.7 Focus Visible (Level AA)	Supports	A focus indicator is provided for all interactive elements on the site.
3.1.2 Language of Parts (Level AA)	Partially Supports	Appropriate language attributes are provided in some areas, however there are activities where the language attribute still needs to be appropriately defined.
3.2.3 Consistent Navigation (Level AA)	Supports	The navigation of the website is in the same relative order to the main content across all pages of the site.

Criteria	Conformance Level	Remarks and Explanations
3.2.4 Consistent Identification (Level AA)	Supports	Components that have the same function across multiple pages of the site are labeled consistently.
3.3.3 Error Suggestion (Level AA)	Supports	The website has timely and accessible error suggestions.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	No legal, financial, or user data was collected on the pages included` in the review.
4.1.3 Status Messages (Level AA)	Supports	There are appropriate status messages presented throughout the website, however focus is not always sent to the status message.

Legal Disclaimer (Mango Languages)

This Accessibility Conformance Report ("ACR") reflects the assessment of the application identified herein (the "Application") as of the Report Date set forth above, based on the accessibility standards specified in this document. This ACR is provided "as is," for informational purposes only, without any warranties, express or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, non-infringement, accuracy, and completeness. The Application is subject to ongoing updates and improvements, and as such, the information contained in this ACR may not accurately reflect the state or functionality of the Application after the Report Date. In no event shall Creative Empire, LLC d/b/a Mango Languages, its affiliates, partners, agents, or employees be liable for any loss, damage, or consequence resulting from reliance on the information contained in this ACR.