

AllAccessible User Guide



AllAccessible

Digital Accessibility
For All

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Modal Controls

General



Language Options

This option allows the user to select the preferred language.

Position Button

This option will allow the user to adjust where the modal is displayed on the site.

The user will also have the option to remove the modal when viewing that site for a selected period of time.

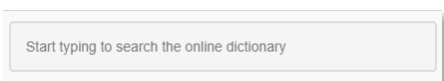


Reset Button

This option will reset the accessibility tool to its default settings.

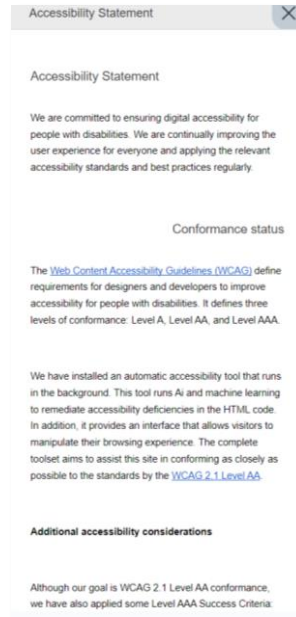
Dictionary

This option will retrieve definitions using Meriam Webster's online dictionary.



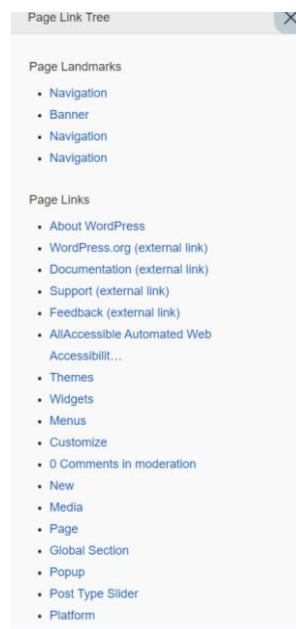
Accessibility Statement

This option will display the accessibility statement.

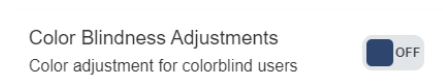


Page Link Tree

This option will display a page link tree.



Pre-Set Safe Browsing Profiles



Color Blindness Adjustments

Selecting a color profile will make the screen colors more distinct for each profile type. The profile types include:

Red-green color blindness

- Deuteranomaly
- Protanomaly
- Protanopia
- Deuteranopia

Blue-yellow color blindness

- Tritanopia
- Tritanomaly

Other color blindness

- Achromatopsia
- Achromatomaly

Seizure Safe Mode

This mode reduces the risk of seizure that results from flashing or blinking animation and risky color combinations by reducing saturation and stopping animations, transitions, and videos. Includes Low Saturation and Stop Animations preferences.

Visually Impaired Mode

This mode adjusts elements on the screen to assist users with visual impairment. Includes Readable (Arial) Font and High Saturation preferences.

Cognitive Disability Mode

This mode provides assistive highlighting of titles and links to allow users with cognitive disabilities to identify and navigate page elements. Includes Highlight Titles, Highlight Links, and Stop Animation preferences.

ADHD/Focus Friendly Mode

This mode reduces distractions to help users with ADHD and Neurodevelopmental disorders to read, browse, and focus content much easier. Includes High Saturation, Reading Mask, and Stop Animations preferences.

Assistive Navigation Mode

Seizure Safe Mode
Reduces saturation and stops animations



Visually Impaired Mode
Adjusts screen to assist with visual elements



Cognitive Disability Mode
Improves identification of elements.



ADHD/Focus Friendly Mode
Reduces distractions and improves focus

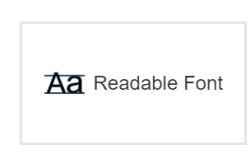


Assistive Navigation Mode
Enables keyboard navigation with screen reader



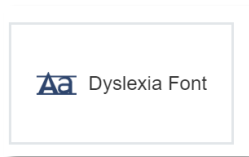
This mode allows keyboard navigation throughout the page, and includes a screen reader for assistive navigation. Includes

Content Control



Readable Font

This option changes all font on the website to Arial which is a proper font for website accessibility.



Dyslexia Font

This option changes all font on the website to Dyslexic font a typeface specially designed for people.



Highlight Titles

This option highlights all headings & titles on the website.



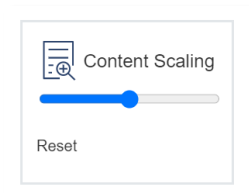
Highlight Links

This option highlights all links on the website.



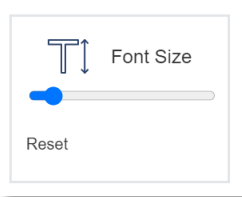
Text Magnifier

This option magnifies text in a balloon when scrolled over.



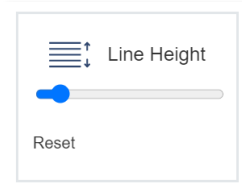
Content Scaling

This option allows the user to increase or decrease all content on the website.



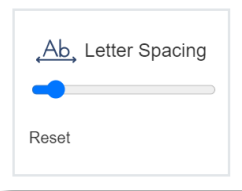
Font Size

This option allows the user to increase or decrease all text on the website.



Line Height

This option allows the user to increase the spacing between text lines.



Letter Spacing

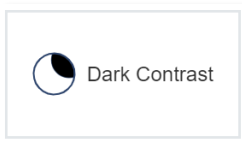
This option allows the user to increase the spacing between text letters.



Align Options

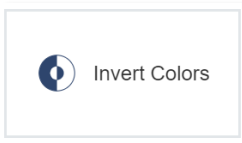
These options allow the user to align all the text (left, right, or center) on the website.

Design Control



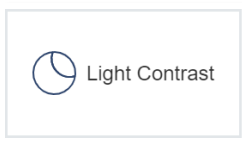
Dark Contrast

This option adjusts the colors of the website to include a dark background with white text to improve visibility.



Invert Colors

This option inverts colors on the website to preserve the relative contrast between UI elements.



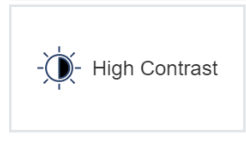
Light Contrast

This option adjusts the color of the website to include a white background with dark text to improve visibility.



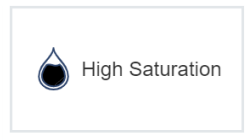
Monochrome

This option adjusts the color of the website to a greyscale mode.



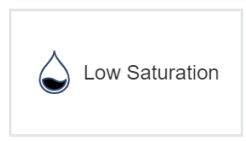
High Contrast

This option allows the user to invert foreground and background colors, which often helps text stand out better.



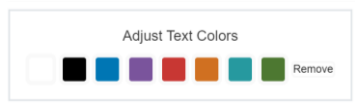
High Saturation

This option allows the user to adjust the colors on the website to high saturation.



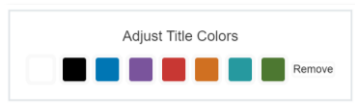
Low Saturation

This option allows the user to adjust the colors on the website to low contrast.



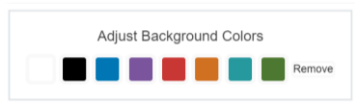
Adjust Text Colors

This option allows the user to adjust the colors of all body text on the website.



Adjust Title Colors

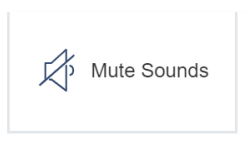
This option allows the user to adjust the colors of all title text on the website.



Adjust Background Colors

This option allows the user to adjust the background colors on the website.

Orientation Control



Mute Sounds

This option will mute all sounds generated from the site.



Hide Images

Hide Images

This option will remove all images from a page.



Reading Guide

Reading Guide

This option applies a reading bar tool that follows the mouse.



Stop Animations

Stop Animations

This option will stop all page animations, transitions, and videos.



Reading Mask

Reading Mask

This option applies a reading tool that follows the mouse or touch to help eliminate page distractions.



Highlight on
Hover

Highlight on Hover

This option will a highlight box around clickable elements on a website once they are hovered over.



Highlight on
Click

Highlight on Click

This option will a highlight box around clickable elements on a website once they are clicked.



Large Cursor

Large Cursor

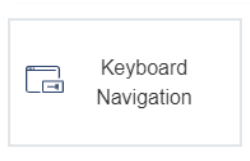
This option adjusts the cursor into a larger cursor.



Screen Reader

Screen Reader

This option initiates the use of the screen reader.

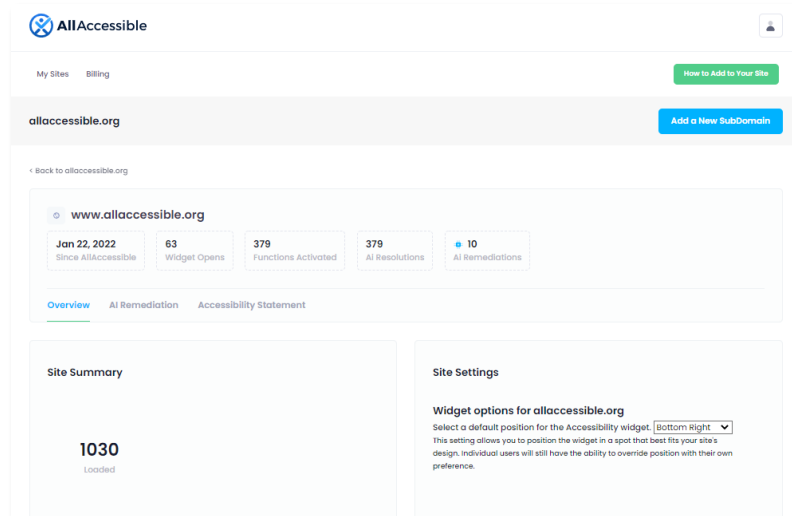


Keyboard Navigation

This option resets the order of all the elements to allow for sequential tabbing between all elements on the page.

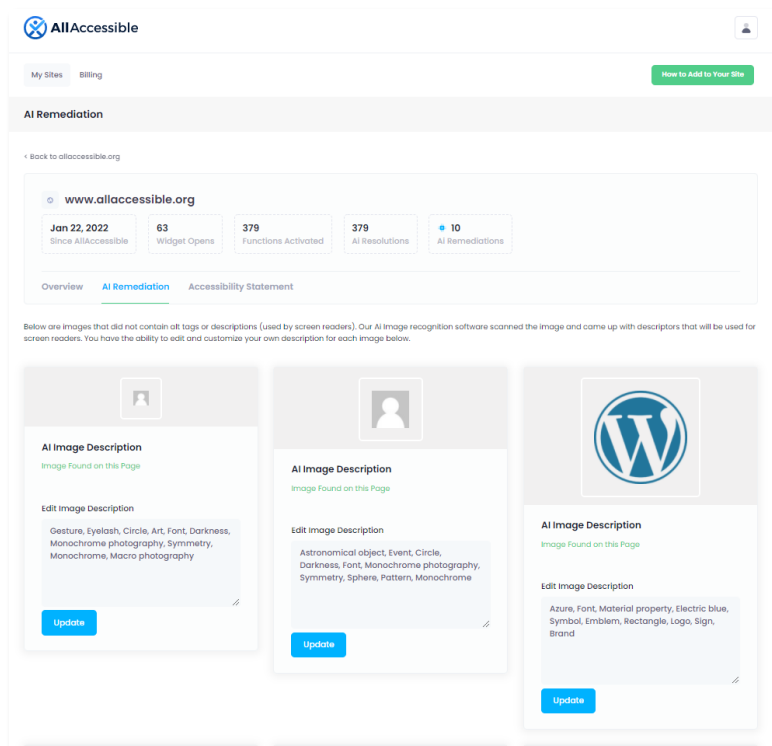
Dashboards

Site Dashboard



The site dashboard displays metrics for your website and AllAccessible usage. The Site Settings section gives the admin user the ability to adjust how the accessibility modal's default position display settings.

Ai Remediation Dashboard



The Ai Remediation Dashboard tab allows the admin user to view the image descriptions that were generated using Ai. Ai descriptions are only generated for images that do not have alt descriptions. Admin users are given the ability to make real time, permanent human adjustments to the Ai Remediation on all website images

Accessibility Statement Dashboard

The screenshot shows the AIAccessible dashboard for the website allaccessible.org. At the top, there's a navigation bar with 'My Sites' and 'Billing' tabs, and a 'How to Add to Your Site' button. Below this, the page title is 'Accessibility Statement for allaccessible.org'. A breadcrumb link 'Back to allaccessible.org' is present. A summary section for 'www.allaccessible.org' displays five metrics: 'Jan 22, 2022 Since AIAccessible', '63 Widget Opens', '379 Functions Activated', '379 AI Resolutions', and '10 AI Remediations'. Below the metrics are three tabs: 'Overview', 'AI Remediation', and 'Accessibility Statement' (which is active). The main content area is titled 'Edit your Accessibility Statement' and features a rich text editor with a menu bar (File, Edit, View, Format) and various formatting options. The editor contains the following text:

Accessibility Statement

We are committed to ensuring digital accessibility for people with disabilities. We are continually improving the user experience for everyone and applying the relevant accessibility standards and best practices regularly.

Conformance status

The [Web Content Accessibility Guidelines \(WCAG\)](#) define requirements for designers and developers to improve accessibility for people with disabilities. It defines three levels of conformance: Level A, Level AA, and Level AAA.

We have installed an automatic accessibility tool that runs in the background. This tool runs AI and machine learning to remediate accessibility deficiencies in the HTML code. In addition, it provides an interface that allows visitors to manipulate their browsing experience. The complete toolset aims to assist this site in conforming as closely as possible to the standards by the [WCAG 2.1 Level AA](#).

Additional accessibility considerations

Although our goal is WCAG 2.1 Level AA conformance, we have also applied some Level AAA Success Criteria: Images of text are only used for decorative purposes. Some WCAG 2.1 Level AA requirements are not included in the remediation process as they are outside of the scope of the website.

At the bottom of the editor, there is a 'Submit' button and a 'POWERED BY TINY' logo.

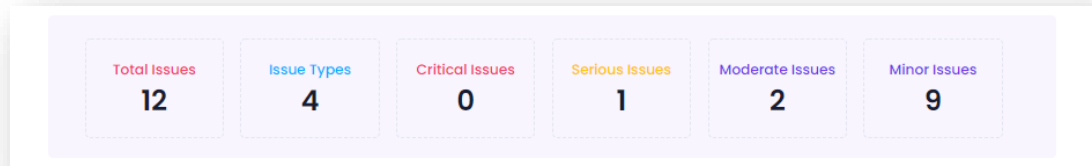
The Accessibility Statement Dashboard provides the admin user with a rich text format editor to edit and update their accessibility statement as needed.

Accessibility Reports

Accessibility reports provide comprehensive and categorized details including Issue Summaries, Issue Types, Problem Elements, Problem Details, Impact, Standard, and Rules.

The following is a list provides a detailed outline of an accessibility report and its elements.

- › **Issue Summary:** The Report summary provides a snapshot of the complete report overview highlighting how many total issues have been found, the number of different issue types, and



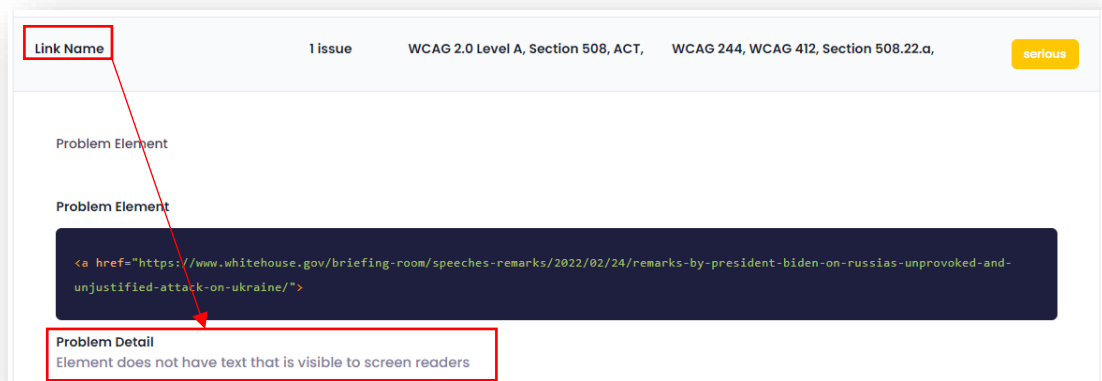
the count of the different severity levels of those issues.

- › **Issue Type:** Provides a categorical description of the issue identified corresponding to the problem element and problem detail within the report.
- › **Problem Element:** Highlights the exact code where the issue is found.

```
Problem Element

<a href="https://www.whitehouse.gov/briefing-room/speeches-remarks/2022/02/24/remarks-by-president-biden-on-russias-unprovoked-and-unjustified-attack-on-ukraine/">
```

- › **Problem Detail:** Provides a detailed description of the problem itself. For example, if the problem element is “Link Name” the report will also provide a detailed explanation of what that problem element is and why it is important. For example, the problem element “Link Name” the Problem Detail will read “Element does not have text that is visible to screen readers”



› **Impact:** The impact section of the report highlights the severity of the issue detected. The impact levels are as follows:

- › **Minor:** Considered to be a nuisance or an annoyance bug. Prioritize fixing if the fix only takes a few minutes and the developer is working on the same screen/feature at the same time, otherwise the issue should not be prioritized. Will still get in the way of compliance if not fixed.
- › **Moderate:** Results in some difficulty for people with disabilities but will generally not prevent them from accessing fundamental features or content. Users may be frustrated and abandon non-critical workflows. Prioritize fixing in this release if there are no higher-priority issues. Will get in the way of compliance if not fixed.
- › **Serious:** Results in serious barriers for people with disabilities and will partially or fully prevent them from accessing fundamental features or content. People relying on assistive technologies will experience significant frustration and may abandon essential workflows. Issues falling under this category are major problems, and remediation should be a priority.
- › **Critical:** Results in blocked content for people with disabilities and will prevent them from accessing fundamental features or content. This type of issue puts your organization at risk. Prioritize fixing as soon as possible, within the week if possible.

Total Issues	Issue Types	Critical Issues	Serious Issues	Moderate Issues	Minor Issues
12	4	0	1	2	9

Issue Type	Total Found	Standard	Rule	Impact
Duplicate Id	9 issues	WCAG 2.0 Level A,	WCAG 411	minor

› **Standard:** The report provides the standard by which the issue is found the standards include:

- › WCAG 2.0 Level A
- › WCAG 2.0 Level AA
- › WCAG 2.0 Level AAA
- › WCAG 2.1 Level A
- › WCAG 2.1 Level AA
- › WCAG 2.1 Level AAA
- › Best Practice - Common accessibility best practices
- › WCAG success criterion e.g. wcag111 maps to SC 1.1.1
- › Accessibility Conformance Testing (ACT) - W3C approved Accessibility Conformance Testing rules
- › Old Section 508 rules
- › Requirement in old Section 508

Issue Type	Total Found	Standard	Rule	Impact
Duplicate Id	9 issues	WCAG 2.0 Level A,	WCAG 411	minor

- › **Rules:** The rules map back to the standard and the specific “success criteria” or rules based on that standard. For example, WCAG 244 would refer to WCAG success criteria 2.4.4 - Link Purpose (In Context): The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. (Level A)

Issue Type	Total Found	Standard	Rule	Impact
Duplicate Id	9 issues	WCAG 2.0 Level A,	WCAG 411	minor