



*CCPRO 2025 Conference*

# **SMOOTH SAILING WITH WEB ACCESSIBILITY**

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# AGENDA

**01.** *Overview*

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**02.** *Principles of WCAG*

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**03.** *WCAG Success Criteria*

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**04.** *Benefits of WCAG Compliance*

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**05.** *Implementation & Best Practices*

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**06.** *Tools & Resources*



# OVERVIEW

- Web Content Accessibility Guidelines (WCAG) are a set of guidelines developed by the W3C for making web content accessible to all users, including people with disabilities
- The latest version is WCAG 2.2 (as of 2023)
- Based on four key principles: **Perceivable, Operable, Understandable, and Robust (POUR)**



# PRINCIPLES OF WCAG

## ***Perceivable***

Content must be presented in ways that users can recognize (e.g., text alternatives for images, captions for videos).

## ***Operable***

Users must be able to navigate and interact with content (e.g., keyboard accessibility, sufficient time to read and use content).

## ***Understandable***

Content must be easy to read and comprehend (e.g., clear instructions, consistent navigation).

## ***Robust***

Content must be compatible with assistive technologies (e.g., proper HTML markup, ARIA roles).



# WCAG SUCCESS CRITERIA

Guidelines are divided into three conformance levels:  
**A (minimum), AA (standard), AAA (enhanced)**

Common requirements include:

- Text alternatives for non-text content
- Keyboard navigability
- Contrast ratio for readability
- Descriptive link text
- Error identification and suggestions

# BENEFITS OF WCAG COMPLIANCE

- Improves accessibility for users with disabilities (visual, auditory, cognitive, motor impairments).
- Helps colleges comply with legal requirements (e.g. Section 508).
- Increases website reach and usability.
- Enhances user experience for **all users**.

# IMPLEMENTATION & BEST PRACTICES

- Use semantic HTML (headings, lists, etc.)
- Ensure proper color contrast and resizable text
- Provide alternative text for images and captions for multimedia
- Make all functionality available via keyboard
- Test accessibility with screen readers and automated tools



# TOOLS & RESOURCES

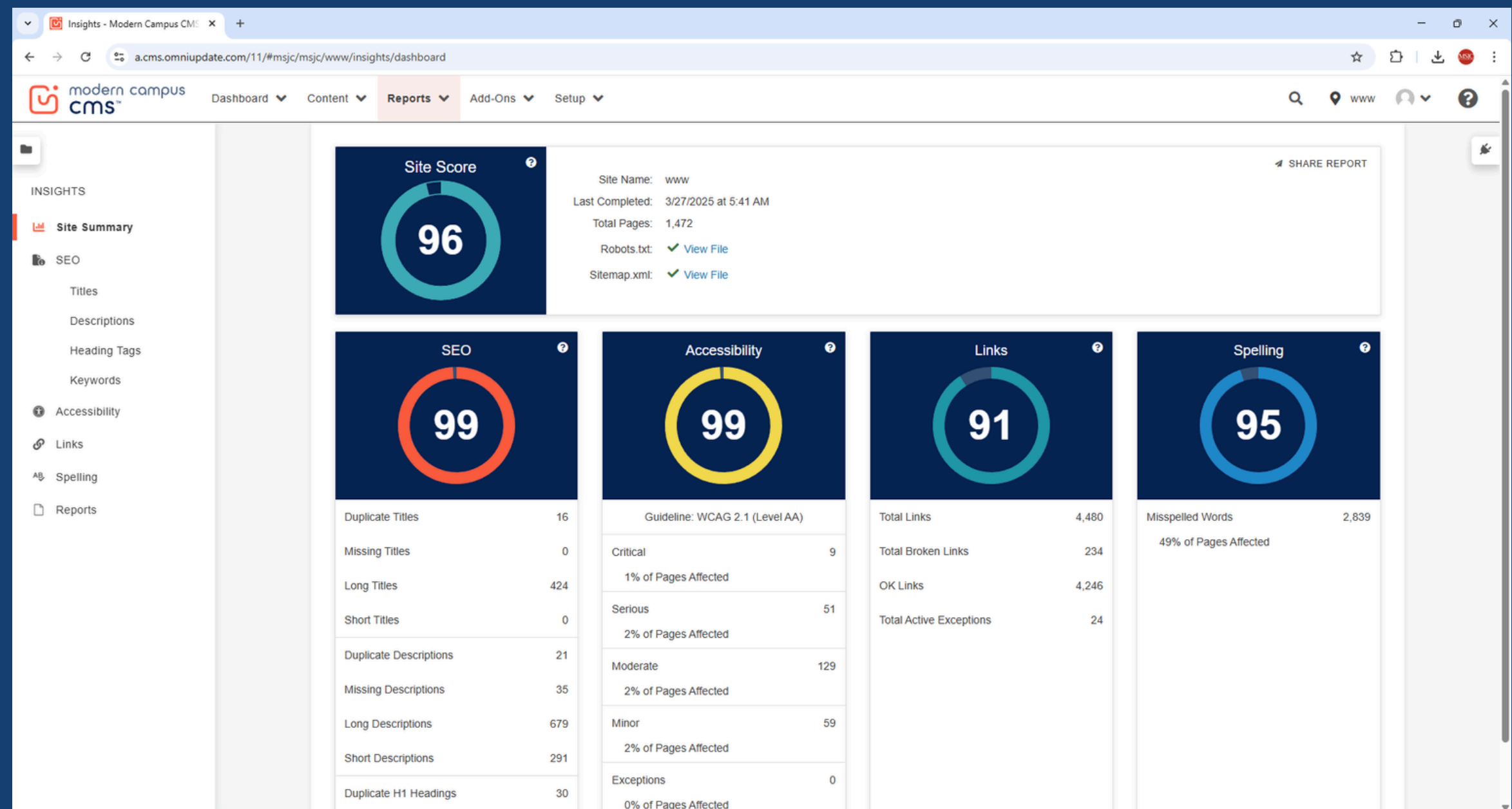
The CCC Accessibility Center ([cccaccessibility.org](http://cccaccessibility.org)) offers several tools to support accessibility in the CCC System at no cost. Please note that organizations may be limited to a specific number of seats or licenses depending on product license limitations.

- Pope Tech Instructor Guide
- CCC Document Converter
- Equidox
- Pope Tech Website Scanning

**Accessibility Workshop: May 15, 2025**



# WHAT'S IN YOUR CMS?



# FREE TOOLS FROM WEBAIM

[webaim.org](https://webaim.org)

The screenshot shows the WebAIM Contrast Checker tool in a web browser. The browser's address bar displays the URL `webaim.org/resources/contrastchecker/`. The page header includes the WebAIM logo and navigation links for services, articles, resources, projects, and community. A search bar and links for 'Introduction to Web Accessibility' and 'WebAIM Training' are also visible.

The main section is titled 'Contrast Checker' and includes a breadcrumb trail: `Home > Resources > Contrast Checker`. It features two color selection panels: 'Foreground' and 'Background'. The 'Foreground' panel shows a hex value of `#0000FF`, a color picker, an alpha value of `1`, and a lightness slider. The 'Background' panel shows a hex value of `#FFFFFF`, a color picker, and a lightness slider.

Below these panels, the 'Contrast Ratio' is displayed as **8.59:1**, which is highlighted with a green border. A 'permalink' link is provided below the ratio.

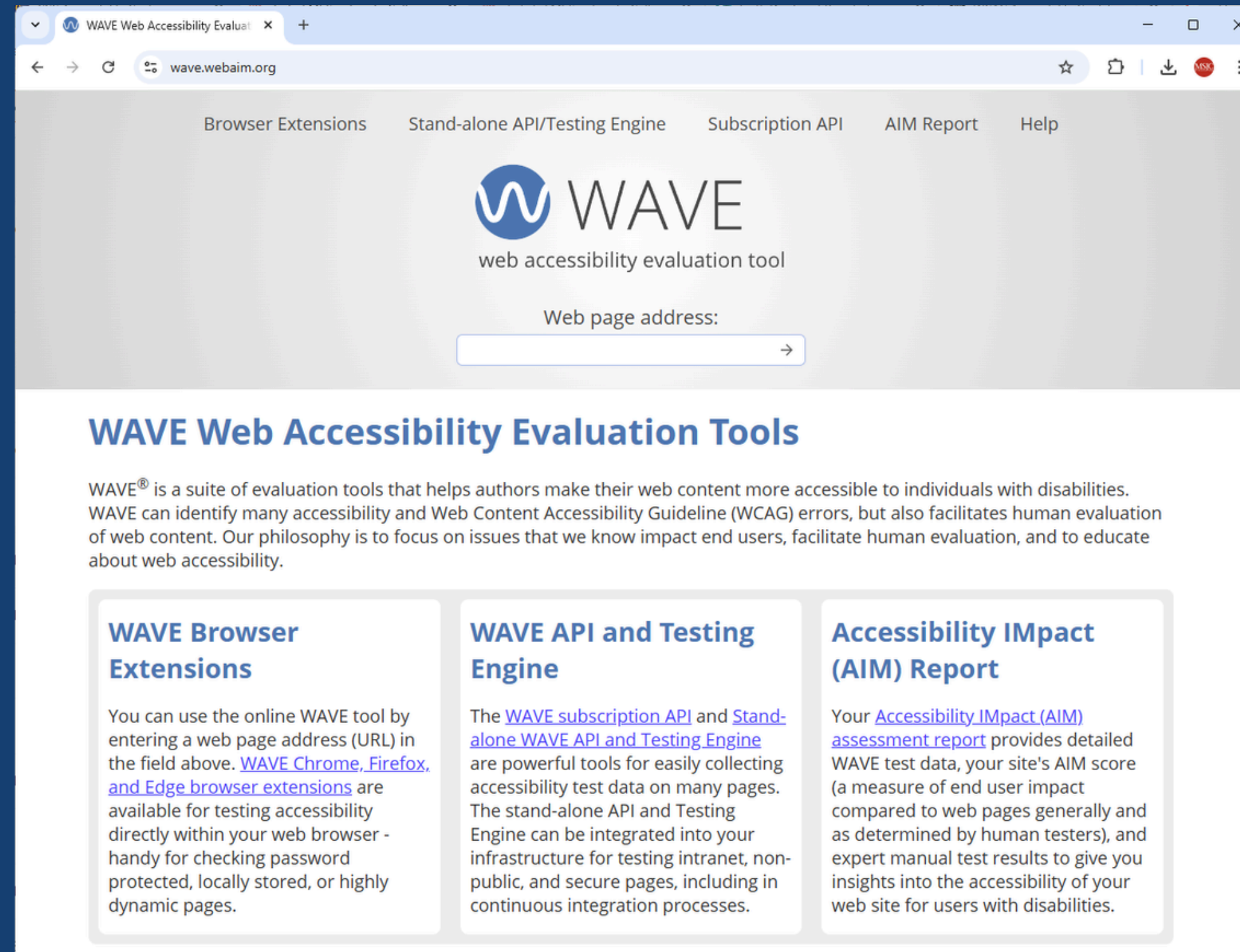
On the right side, there is a 'Related Resources' section with links to: 'Contrast and Color Accessibility', 'Quick Reference: Testing Web Content for Accessibility', 'WebAIM Auditing & Evaluation Services', 'Web Accessibility for Designers', 'Link Contrast Checker', and 'Contrast Checker Bookmarklet'.

At the bottom, the 'Normal Text' section shows the results for WCAG AA and WCAG AAA standards, both marked as 'Pass'. A sample text box contains the sentence: 'The five boxing wizards jump quickly.'



# FREE TOOLS FROM WEBAIM

[wave.webaim.org](http://wave.webaim.org)



# FREE TOOLS FROM WEBAIM

The screenshot shows the WAVE web accessibility evaluation tool interface. The browser address bar displays the URL `https://www.msjc.edu/`. The WAVE logo and "powered by WebAIM" text are visible. The address field shows `https://www.msjc.edu/` and the "Styles" toggle is set to "ON".

**Summary**

Summary	Details	Reference	Order	Structure	Contrast
Errors: 0	Contrast Errors: 0				
Alerts: 17	Features: 24				
Structural Elements: 57	ARIA: 79				

[View details >](#)

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

The following apply to the entire page:

- \*en\*

**MSJC SUMMER 2025 Schedule of Classes**

**\*Schedule of Classes\*** Summer 2025 classes begin June 9 and June 23.

**MSJC Events**

- 4:00 PM Mar 27** **h4** Financial Aid Workshop | SAP 101
- 11:00 AM Mar 28** **h4** Active Minds Meeting

**myMSJC**

- \*my MSJC\*
- My Apps
- Self-Service
- Canvas
- Student Support Hub
- Bookstore
- Library
- Student Email
- MSJC Career Coach
- Account Management
- For Faculty & Staff

[wave.webaim.org/report#/https://msjc.edu/](https://wave.webaim.org/report#/https://msjc.edu/)

# THANK YOU FOR YOUR ATTENTION

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