

# Michigan Publishing Website Accessibility Review

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## Perceivable

### Color contrast

There are contrast issues with color used to link words and with the yellow quotation marks.

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– Emily Wilcox

Associate professor of modern Chinese studies

« first   < previous

“ I w

- **Location:** All pages with linked text and yellow quotation marks
- **Use Case:** Someone who has low vision needs higher contrast between foreground and background colors. Also, anyone who is visiting the website outside on a bright day may not be able to read text with low contrast.

## Check Accessibility By:


Web Page URL

HTML File Upload

Paste HTML Markup

Address: 

## Options

  
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## Accessibility Review

Accessibility Review (Guidelines: [WCAG 2.0 \(Level AA\)](#))Export Format:  Report to Export:  

Known Problems(0)

Likely Problems (3)

Potential Problems (125)

HTML Validation

CSS Validation

## 1.1 Text Alternatives: Provide text alternatives for any non-text content

## Success Criteria 1.1.1 Non-text Content (A)

Check 8: [img element may require a long description.](#)

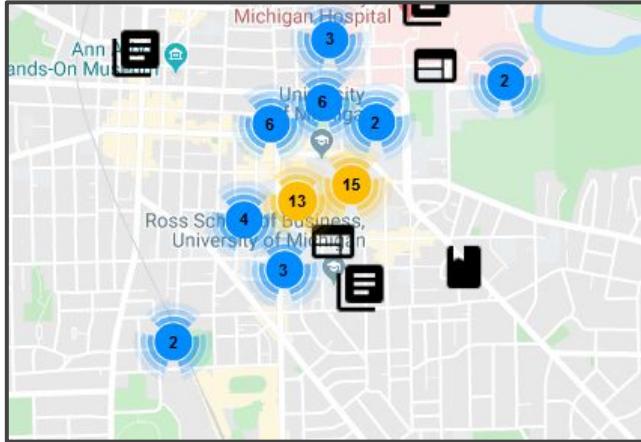
Line 4, Column 4696:

```

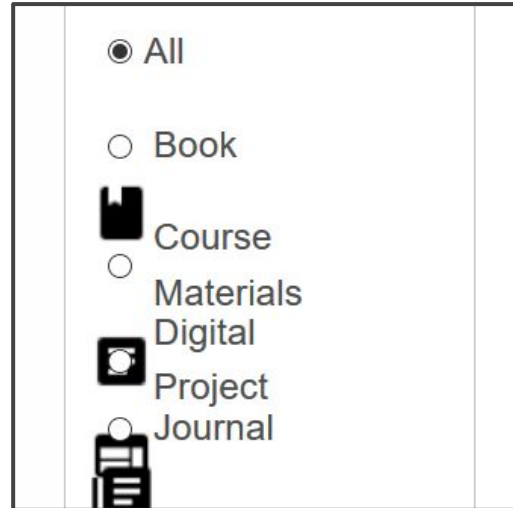
```



# Axe



# Scaling





web accessibility evaluation tool

powered by  
[WebAIM](#)

Styles: OFF ☐ ON ☒

## Reference



Summary Details Reference Structure Contrast

Consider using the labelreference. This provides additional functionality for end users because if the label is clicked it will set focus to the form control. If the form control is intuitive without a <label>, the title attribute value may be used. Note that the title attribute value will not generally be read by a screen reader if the control has a label and may not be available to sighted users, particularly keyboard-only users.

### The Algorithm... in English

An <input> (except types of image, submit, reset, button, or hidden), <textarea>, or <select> element has a non-empty title attribute value and is missing a label or valid aria-labelledby reference.

### Standards and Guidelines

- [1.1.1 Non-text Content \(Level A\)](#)
- [1.3.1 Info and Relationships \(Level A\)](#)
- [2.4.6 Headings and Labels \(Level AA\)](#)
- [3.3.2 Labels or Instructions \(Level A\)](#)



Google Custom Search



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\*role="group"



\*UM Library log

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## Content Creator

- Edit alt text labels to be different or more descriptive than redundant on-page text
- For decorative images, use empty alt text labels `alt=""` rather than ARIA `role="presentation"`
- Generate descriptive alt text for images that don't have them
- Generate text for the empty HTML header elements, or delete them
- For decorative images, consider emptying alt text field: `alt=""`
- Generate separate titles for the two maps

## HTML / Markup

- Add adjusted alt-text labels and add created blank labels
- Remove ARIA `role="presentation"` where alt text value is empty.
- Create a different, non-tabular format for the search bar.
- Add an aria-labeledby element to the search bar.
- Add ARIA landmark labels to differentiate main `header`, `main` and `footer` from iframe elements
- Change heading levels so that there aren't any gaps ("Stories of Impact")
- Change titles of maps as needed Remove or add text to the empty HTML header elements

## CSS / Design

- Adjust coloring contrast issues for linked text and stylized quotation marks (you can use [wave.webaim.org](https://wave.webaim.org) to determine when the color contrast is AA-approved).
- For the map markers, you have to checking contrast manually. You can get hex codes from foreground and background images in Photoshop (or by uploading them to [color.adobe.com](https://color.adobe.com)) and plug those codes into the WebAIM Contrast Checker. WCAG AA calls for a contrast of at least 3:1 for graphics. Current colors:
  - map background - #E8E8E8.
  - blue marker -is #008CFF, with a contrast ratio of 2.76:1
  - yellow marker -is #F2B705, with a contrast ratio of 1.48:1.