Accessibility Considerations

November 25, 2024

The PreTeXt framework is responsible for many accessibility features. These accessibility considerations come from the Web Content Accessibility Guidelines (WCAG) international standard.

1 Colors

HTML elements and attributes may be interpreted by a screen reader and pass validation checks.

2 Mathematics

The MathJax JavaScript library allows screen readers to interpret the HTML. mathjax.org

3 3D Images

The Asymptote language describes 2D and 3D images.

4 Navigating Content

Pressing the Tab key moves a reader across locations in the web document.

5 Links

Hyperlinks are consistent with WCAG recommendations.

6 Colors

Distinguishing between elements does not rely exclusively on color.

7   Image Description

Screen readers pick up a short description, which migrates to the HTML @alt attribute and a description element.

8   Cross-References

Larger target for clickable items.

9   Link Text

Alternative content for the clickable portion of link text.

10   PreTeXt documentation

Read more about the accessibility features on the PreTeXt documentation:

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https://pretextbook.org/doc/guide/html/topic-accessibility.html
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