

# Accessibility Considerations

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The PreTeXt framework is responsible for many accessibility features. Read more about the accessibility features on the PreTeXt documentation. 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. Distinguishing between elements does not rely exclusively on color.

## 2 Mathematics

The MathJax JavaScript library allows screen readers to interpret the HTML. [mathjax.org](https://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 Image Description

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

## 7 Cross-References

Larger target for clickable items.

## 8 Link Text

Alternative content for the clickable portion of link text.

## 9 Conversion to Brail

For more information see the documentation.

## 10 Conversion to PDF and EPUB

PDF and EPUB conversion available for off-line use.