

Search:

Introduction to Web Accessibility

WebAIM Training

Contrast Checker

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Foreground Color
#373846
Lightness

Background Color
#97B3CE
Lightness

Contrast Ratio

5.31:1

[permalink](#)

Related Resources

- [Contrast and Color Accessibility](#)
- [Quick Reference: Testing Web Content for Accessibility](#)
- [Web Accessibility for Designers](#)
- [Link Contrast Checker](#)

Normal Text

WCAG AA: **Pass**

WCAG AAA: **Fail**

The five boxing wizards jump quickly.

Large Text

WCAG AA: **Pass**

WCAG AAA: **Pass**

The five boxing wizards jump quickly.

Graphical Objects and User Interface Components

WCAG AA: **Pass**

Text Input

Explanation

Enter a foreground and background color in RGB hexadecimal format (e.g., #FD3 or #F7DA39) or choose a color using the color picker. The Lightness slider can be used to adjust the selected color.

WCAG 2.0 level AA requires a contrast ratio of at least 4.5:1 for normal text and 3:1 for large text. WCAG 2.1 requires a contrast ratio of at least 3:1 for graphics and user interface components (such as form input borders). WCAG Level AAA requires a contrast ratio of at least 7:1 for normal text and 4.5:1 for large text.

Large text is defined as 14 point (typically 18.66px) and bold or larger, or 18 point (typically 24px) or larger.

Hint: [Colorzilla](#) is an excellent tool for extracting the color value from any page element. Additionally, [WAVE](#) can analyze contrast ratios for all page text elements at once.

Use [our link contrast checker](#) to evaluate links that are identified using color alone.

New!

This tool also functions as a basic API. Simply append `&api` to any [permalink](#) to get a JSON object with the contrast ratio and the AA/AAA pass/fail states. For example:

<https://webaim.org/resources/contrastchecker/?fcolor=373846&bcolor=97B3CE&api>.

2020 WebAIM

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From the Blog

- [WAVE Webinar and Intro Video](#)
- [WebAIM Million - One Year Update](#)
- [#WebAIM20th](#)
- [Significant WAVE Updates](#)
- [Screen Reader User Survey #8 Results](#)

Popular Resources

- [WebAIM Training](#)
- [WCAG 2 Checklist](#)
- [Section 508 Checklist](#)
- [Color Contrast Checker](#)
- [Web Accessibility for Designers](#)
- [WAVE Web Accessibility Evaluation Tool](#)

Check Your Accessibility

Web site address

WAVE

