Contrast checkers

Link

https://webaim.org/resources/contrastchecker/

https://coolors.co/contrast-checker/112a46-e6acac

Description

For students who have reading or learning difficulties or visual impairments, it is important that the material, activities, and games you produce are designed in an inclusive format, such as the font, size, spacing, etc. This also includes colour contrast so as to make your content accessible for students with learning disorders, colour blindness or visual disabilities, so they can properly differentiate elements on the screen or in documents.
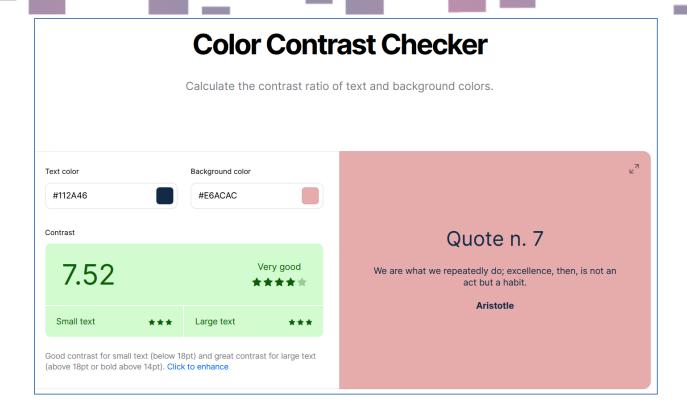
Many contrast checkers are available online and focused on accessibility, such as this one by WebAIM or this one by Coolors, which both allow you to easily check the contrast ratio between two colours.

Color Contrast Checker

Calculate the contrast ratio of text and background colors.

Text color

#112A46

Background color

#E6ACAC

Contrast

7.52

Very good
★★★★☆

| Small text | ★★★ | Large text | ★★★ |

Good contrast for small text (below 18pt) and great contrast for large text (above 18pt or bold above 14pt). Click to enhance

Quote n. 7

We are what we repeatedly do; excellence, then, is not an act but a habit.

Aristotle

Features

Most contrast checkers simply use an eyedrop tool or allow you to select the colours in a wheel and scale, and with their Hex code. Both of those suggested above, by WebAIM and Coolors, give you a precise contrast ratio, sometimes with an appreciation rate or a specification of the ratio level (AA for minimum contrast, AAA for enhanced contrast) based on the Web Content Accessibility Guidelines (WCAG), along with a visual representation of those colours in the form of a text or quote in one colour on top of a background in the other colour.

Price

Free

Why using it?

Acknowledging the contrast between different elements in a document, presentation or game is important to make sure all students and users will have proper access to all the visual elements and information.

The WebAIM website also provides accessibility testing services through audits, evaluations, reports and assistance tools, providing certification for websites that conform to accessibility standards. The Coolors website focuses on generating and manipulating colour palettes and schemes.

How to use it?

Online contrast checkers are quite easy to use with few features and intuitive manipulations, with the eyedrop tool, wheel or scale or the selection of the Hex colour code, which you can copy and paste in order to reproduce the precise colours you wish to check or use.

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