

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(6E6369) Hex(8F8B8D) Hex(68636E) Hex(474546) Hex(C7C7C7) Hex(474747)

Hex(6E6369)		Ratio: 1.71 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(8F8B8D)	Ratio: 1.71 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(68636E)	Ratio: 1.01 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(474546)	Ratio: 1.65 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 5.63 AA ¹ AAA 18pt ⁴
Hex(C7C7C7)	Ratio: 3.40 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.62 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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