

Converting Colors - WCAG Matrix

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

Hex(6E696E) Hex(8F8C8F) Hex(69696E) Hex(474747) Hex(C7C7C7)

	Hex(6E696E)	Hex(8F8C8F)	Hex(69696E)	Hex(474747)	Hex(C7C7C7)
Hex(6E696E)		Ratio: 1.62 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(8F8C8F)	Ratio: 1.62 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(69696E)	Ratio: 1.02 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(474747)	Ratio: 1.73 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(C7C7C7)	Ratio: 3.18 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 3.23 AA 18pt ²	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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