

Converting Colors - WCAG Matrix

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

Hex(9E8580) Hex(CFC4C2) Hex(9E8099) Hex(696261) Hex(E8E8E8) Hex(696969)

	Hex(9E8580)	Hex(CFC4C2)	Hex(9E8099)	Hex(696261)	Hex(E8E8E8)	Hex(696969)
Hex(9E8580)		Ratio: 2.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(CFC4C2)	Ratio: 2.01 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(9E8099)	Ratio: 1.02 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(696261)	Ratio: 1.74 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.70 Failed ⁵		Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(E8E8E8)	Ratio: 2.80 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.60 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.48 AA 18pt ²	

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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