

Converting Colors - WCAG Matrix

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

Hex(9E290E) Hex(CFA197) Hex(9E0E84) Hex(694D47) Hex(E8E8E8) Hex(696969)

	Hex(9E290E)	Hex(CFA197)	Hex(9E0E84)	Hex(694D47)	Hex(E8E8E8)	Hex(696969)
Hex(9E290E)		Ratio: 3.31 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.38 Failed ⁵
Hex(CFA197)	Ratio: 3.31 AA 18pt ²		Ratio: 3.23 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(9E0E84)	Ratio: 1.03 Failed ⁵	Ratio: 3.23 AA 18pt ²		Ratio: 1.04 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(694D47)	Ratio: 1.01 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵
Hex(E8E8E8)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.86 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 6.23 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.38 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.39 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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