

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(9F7813) Hex(CFC099) Hex(9F133B) Hex(696048) Hex(E8E8E8) Hex(696969)

	Hex(9F7813)	Hex(CFC099)	Hex(9F133B)	Hex(696048)	Hex(E8E8E8)	Hex(696969)
Hex(9F7813)		Ratio: 2.25 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(CFC099)	Ratio: 2.25 Failed ⁵		Ratio: 4.43 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(9F133B)	Ratio: 1.97 Failed ⁵	Ratio: 4.43 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵
Hex(696048)	Ratio: 1.54 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(E8E8E8)	Ratio: 3.31 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 5.09 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.35 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 1.14 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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