

Converting Colors - WCAG Matrix

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

Hex(9E6D4E) Hex(CF8151) Hex(9E954E) Hex(4F4A47) Hex(8F3700) Hex(0F0600)

	Hex(9E6D4E)	Hex(CF8151)	Hex(9E954E)	Hex(4F4A47)	Hex(8F3700)	Hex(0F0600)
Hex(9E6D4E)		Ratio: 1.45 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(CF8151)	Ratio: 1.45 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 6.61 AA ¹ AAA 18pt ⁴
Hex(9E954E)	Ratio: 1.44 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.86 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 6.56 AA ¹ AAA 18pt ⁴
Hex(4F4A47)	Ratio: 1.98 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.86 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(8F3700)	Ratio: 1.75 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(0F0600)	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 2.30 Failed ⁵	Ratio: 2.59 Failed ⁵	

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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