

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7A6348) Hex(9E968B) Hex(7A485E) Hex(4F4A44) Hex(CFCFCF) Hex(4F4F4F)

	Hex(7A6348)	Hex(9E968B)	Hex(7A485E)	Hex(4F4A44)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(7A6348)		Ratio: 1.94 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(9E968B)	Ratio: 1.94 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(7A485E)	Ratio: 1.27 Failed ⁵	Ratio: 2.47 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(4F4A44)	Ratio: 1.55 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(CFCFCF)	Ratio: 3.64 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 5.63 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.45 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.26 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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