

Converting Colors - WCAG Matrix

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

Hex(78706A) Hex(9C9895) Hex(786A72) Hex(4F4D4B) Hex(CFCFCF) Hex(4F4F4F)

	Hex(78706A)	Hex(9C9895)	Hex(786A72)	Hex(4F4D4B)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(78706A)		Ratio: 1.70 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.69 Failed ⁵
Hex(9C9895)	Ratio: 1.70 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(786A72)	Ratio: 1.05 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(4F4D4B)	Ratio: 1.73 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(CFCFCF)	Ratio: 3.12 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.69 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.03 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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