

Converting Colors - WCAG Matrix

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

Hex(7A5154) Hex(9E8E8F) Hex(77517A) Hex(4F4646) Hex(CFCFCF) Hex(4F4F4F)

	Hex(7A5154)	Hex(9E8E8F)	Hex(77517A)	Hex(4F4646)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(7A5154)		Ratio: 2.15 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(9E8E8F)	Ratio: 2.15 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(77517A)	Ratio: 1.04 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(4F4646)	Ratio: 1.36 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(CFCFCF)	Ratio: 4.30 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.87 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.22 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 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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