

Converting Colors - WCAG Matrix

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

Hex(78421C) Hex(9C8778) Hex(781C51) Hex(4F4239) Hex(CFCFCF) Hex(4F4F4F)

	Hex(78421C)	Hex(9C8778)	Hex(781C51)	Hex(4F4239)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(78421C)		Ratio: 2.37 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(9C8778)	Ratio: 2.37 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(781C51)	Ratio: 1.25 Failed ⁵	Ratio: 2.95 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(4F4239)	Ratio: 1.20 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(CFCFCF)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 2.19 Failed ⁵	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 6.21 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.01 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.18 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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