

Converting Colors - WCAG Matrix

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

Hex(782621) Hex(9C7A78) Hex(782173) Hex(4F3D3B) Hex(CFCFCF) Hex(4F4F4F)

	Hex(782621)	Hex(9C7A78)	Hex(782173)	Hex(4F3D3B)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(782621)		Ratio: 2.61 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(9C7A78)	Ratio: 2.61 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(782173)	Ratio: 1.08 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(4F3D3B)	Ratio: 1.02 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(CFCFCF)	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 2.46 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 6.53 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.22 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.24 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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