

Converting Colors - WCAG Matrix

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

Hex(783231) Hex(9C8080) Hex(783177) Hex(4F3E3E) Hex(CFCFCF) Hex(4F4F4F)

	Hex(783231)	Hex(9C8080)	Hex(783177)	Hex(4F3E3E)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(783231)		Ratio: 2.53 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(9C8080)	Ratio: 2.53 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(783177)	Ratio: 1.09 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(4F3E3E)	Ratio: 1.10 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(CFCFCF)	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 6.45 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.12 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.23 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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