

Converting Colors - WCAG Matrix

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

Hex(784848) Hex(9C8989) Hex(784878) Hex(4F4444) Hex(CFCFCF) Hex(4F4F4F)

	Hex(784848)	Hex(9C8989)	Hex(784878)	Hex(4F4444)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(784848)		Ratio: 2.25 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(9C8989)	Ratio: 2.25 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(784878)	Ratio: 1.06 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(4F4444)	Ratio: 1.26 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(CFCFCF)	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 2.12 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 6.01 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.10 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.14 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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