

Converting Colors - WCAG Matrix

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

Hex(C7A138) Hex(FFF0C7) Hex(C7385E) Hex(80775E) Hex(000000) Hex(808080)

	Hex(C7A138)	Hex(FFF0C7)	Hex(C7385E)	Hex(80775E)	Hex(000000)	Hex(808080)
Hex(C7A138)		Ratio: 2.16 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 8.58 Passed ⁶	Ratio: 1.61 Failed ⁵
Hex(FFF0C7)	Ratio: 2.16 Failed ⁵		Ratio: 4.46 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 18.54 Passed ⁶	Ratio: 3.49 AA 18pt ²
Hex(C7385E)	Ratio: 2.07 Failed ⁵	Ratio: 4.46 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(80775E)	Ratio: 1.82 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 8.58 Passed ⁶	Ratio: 18.54 Passed ⁶	Ratio: 4.16 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.61 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.32 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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