

Converting Colors - WCAG Matrix

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

Hex(C1CAA9) Hex(FCFFF2) Hex(CAB2A9) Hex(7D8078) Hex(000000) Hex(808080)

	Hex(C1CAA9)	Hex(FCFFF2)	Hex(CAB2A9)	Hex(7D8078)	Hex(000000)	Hex(808080)
Hex(C1CAA9)		Ratio: 1.69 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 12.29 Passed ⁶	Ratio: 2.31 Failed ⁵
Hex(FCFFF2)	Ratio: 1.69 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 20.73 Passed ⁶	Ratio: 3.90 AA 18pt ²
Hex(CAB2A9)	Ratio: 1.18 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 10.45 Passed ⁶	Ratio: 1.97 Failed ⁵
Hex(7D8078)	Ratio: 2.35 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.00 Failed ⁵		Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 12.29 Passed ⁶	Ratio: 20.73 Passed ⁶	Ratio: 10.45 Passed ⁶	Ratio: 5.23 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.31 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 1.02 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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