

Converting Colors - WCAG Matrix

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

Hex(CFC2C2) Hex(FFEDED) Hex(CFC8C2) Hex(696060) Hex(A80000) Hex(290000)

	Hex(CFC2C2)	Hex(FFEDED)	Hex(CFC8C2)	Hex(696060)	Hex(A80000)	Hex(290000)
Hex(CFC2C2)		Ratio: 1.53 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 11.10 Passed ⁶
Hex(FFEDED)	Ratio: 1.53 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 16.99 Passed ⁶
Hex(CFC8C2)	Ratio: 1.04 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 11.60 Passed ⁶
Hex(696060)	Ratio: 3.53 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²		Ratio: 1.29 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(A80000)	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(290000)	Ratio: 11.10 Passed ⁶	Ratio: 16.99 Passed ⁶	Ratio: 11.60 Passed ⁶	Ratio: 3.15 AA 18pt ²	Ratio: 2.44 Failed ⁵	

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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