

Converting Colors - WCAG Matrix

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

Hex(CFC2C4) Hex(FFEBEE) Hex(CFC6C2) Hex(695E60) Hex(A8001A) Hex(290006)

	Hex(CFC2C4)	Hex(FFEBEE)	Hex(CFC6C2)	Hex(695E60)	Hex(A8001A)	Hex(290006)
Hex(CFC2C4)		Ratio: 1.51 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 11.09 Passed ⁶
Hex(FFEBEE)	Ratio: 1.51 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 16.75 Passed ⁶
Hex(CFC6C2)	Ratio: 1.03 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 3.71 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 11.40 Passed ⁶
Hex(695E60)	Ratio: 3.61 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A8001A)	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(290006)	Ratio: 11.09 Passed ⁶	Ratio: 16.75 Passed ⁶	Ratio: 11.40 Passed ⁶	Ratio: 3.07 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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