

Converting Colors - WCAG Matrix

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

Hex(D0C3C3) Hex(FFEBEB) Hex(D0CAC3) Hex(695E5E) Hex(A80000) Hex(290000)

	Hex(D0C3C3)	Hex(FFEBEB)	Hex(D0CAC3)	Hex(695E5E)	Hex(A80000)	Hex(290000)
Hex(D0C3C3)		Ratio: 1.49 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 11.22 Passed ⁶
Hex(FFEBEB)	Ratio: 1.49 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 16.76 Passed ⁶
Hex(D0CAC3)	Ratio: 1.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 3.84 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 11.81 Passed ⁶
Hex(695E5E)	Ratio: 3.65 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 3.84 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A80000)	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(290000)	Ratio: 11.22 Passed ⁶	Ratio: 16.76 Passed ⁶	Ratio: 11.81 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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