

Converting Colors - WCAG Matrix

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

	Hex(FFD9C8)	Hex(E2BDAD)	Hex(C6A292)	Hex(AA8878)	Hex(8F6F60)	Hex(755648)	Hex(5C3F31)	Hex(43291C)	Hex(2C1403)	Hex(130000)
Hex(FFD9C8)		Ratio: 1.32 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 7.24 Passed ⁶	Ratio: 10.18 Passed ⁶	Ratio: 13.25 Passed ⁶	Ratio: 15.58 Passed ⁶
Hex(E2BDAD)	Ratio: 1.32 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 7.70 Passed ⁶	Ratio: 10.03 Passed ⁶	Ratio: 11.79 Passed ⁶
Hex(C6A292)	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.43 Passed ⁶	Ratio: 8.74 Passed ⁶
Hex(AA8878)	Ratio: 2.46 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 6.33 AA ¹ AAA 18pt ⁴
Hex(8F6F60)	Ratio: 3.47 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 4.49 AA 18pt ²
Hex(755648)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(5C3F31)	Ratio: 7.24 Passed ⁶	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(43291C)	Ratio: 10.18 Passed ⁶	Ratio: 7.70 Passed ⁶	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 4.13 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(2C1403)	Ratio: 13.25 Passed ⁶	Ratio: 10.03 Passed ⁶	Ratio: 7.43 Passed ⁶	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(130000)	Ratio: 15.58 Passed ⁶	Ratio: 11.79 Passed ⁶	Ratio: 8.74 Passed ⁶	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 4.49 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.18 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.

This PDF was generated on convertingcolors.com.