

Converting Colors - WCAG Matrix

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

	Hex(1D1512)	Hex(FFF6F2)	Hex(483F3C)	Hex(605753)	Hex(796F6C)	Hex(938885)	Hex(ADA39F)	Hex(C9BEBA)	Hex(E5D9D6)
Hex(1D1512)		Ratio: 16.88 Passed ⁶	Ratio: 1.76 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 7.29 Passed ⁶	Ratio: 9.89 Passed ⁶	Ratio: 13.04 Passed ⁶
Hex(FFF6F2)	Ratio: 16.88 Passed ⁶		Ratio: 9.61 Passed ⁶	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(483F3C)	Ratio: 1.76 Failed ⁵	Ratio: 9.61 Passed ⁶		Ratio: 1.46 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 7.42 Passed ⁶
Hex(605753)	Ratio: 2.56 Failed ⁵	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 1.46 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴
Hex(796F6C)	Ratio: 3.68 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 2.10 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(938885)	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(ADA39F)	Ratio: 7.29 Passed ⁶	Ratio: 2.32 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(C9BEBA)	Ratio: 9.89 Passed ⁶	Ratio: 1.71 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(E5D9D6)	Ratio: 13.04 Passed ⁶	Ratio: 1.29 Failed ⁵	Ratio: 7.42 Passed ⁶	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 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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