

Converting Colors - WCAG Matrix

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

	Hex(FFEDF3)	Hex(E2D1D7)	Hex(C6B5BB)	Hex(AB9AA0)	Hex(908086)	Hex(77676D)	Hex(5E4F54)	Hex(46383D)	Hex(302327)	Hex(1B0D13)
Hex(FFEDF3)		Ratio: 1.30 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 9.86 Passed ⁶	Ratio: 13.37 Passed ⁶	Ratio: 16.76 Passed ⁶
Hex(E2D1D7)	Ratio: 1.30 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 7.57 Passed ⁶	Ratio: 10.27 Passed ⁶	Ratio: 12.87 Passed ⁶
Hex(C6B5BB)	Ratio: 1.74 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 7.69 Passed ⁶	Ratio: 9.63 Passed ⁶
Hex(AB9AA0)	Ratio: 2.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 7.06 Passed ⁶
Hex(908086)	Ratio: 3.32 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(77676D)	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(5E4F54)	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.94 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(46383D)	Ratio: 9.86 Passed ⁶	Ratio: 7.57 Passed ⁶	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 4.15 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(302327)	Ratio: 13.37 Passed ⁶	Ratio: 10.27 Passed ⁶	Ratio: 7.69 Passed ⁶	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 4.03 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(1B0D13)	Ratio: 16.76 Passed ⁶	Ratio: 12.87 Passed ⁶	Ratio: 9.63 Passed ⁶	Ratio: 7.06 Passed ⁶	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.25 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.