

Converting Colors - WCAG Matrix

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

	Hex(F2972B)	Hex(D37D04)	Hex(B46400)	Hex(964B00)	Hex(783400)	Hex(5B1D00)	Hex(3F0600)	Hex(280001)	Hex(000000)
Hex(F2972B)		Ratio: 1.38 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 7.46 Passed ⁶	Ratio: 8.47 Passed ⁶	Ratio: 9.24 Passed ⁶
Hex(D37D04)	Ratio: 1.38 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 6.70 AA ¹ AAA 18pt ⁴
Hex(B46400)	Ratio: 1.94 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴
Hex(964B00)	Ratio: 2.80 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.30 AA 18pt ²
Hex(783400)	Ratio: 4.03 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(5B1D00)	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(3F0600)	Ratio: 7.46 Passed ⁶	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 3.85 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(280001)	Ratio: 8.47 Passed ⁶	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 4.37 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 9.24 Passed ⁶	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.09 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.