

Converting Colors - WCAG Matrix

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

	Hex(80220B)	Hex(9E3C21)	Hex(BB5538)	Hex(DA6F50)	Hex(F98968)	Hex(FFA482)	Hex(FFC09C)	Hex(FFDDB7)	Hex(FFF9D3)	Hex(FFFFFFEF)
Hex(80220B)		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 7.57 Passed ⁶	Ratio: 9.18 Passed ⁶	Ratio: 9.67 Passed ⁶
Hex(9E3C21)	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 6.66 AA ¹ AAA 18pt ⁴
Hex(BB5538)	Ratio: 2.08 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(DA6F50)	Ratio: 2.96 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.27 AA 18pt ²
Hex(F98968)	Ratio: 4.09 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(FFA482)	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 3.49 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(FFC09C)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 4.25 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(FFDDB7)	Ratio: 7.57 Passed ⁶	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 3.64 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(FFF9D3)	Ratio: 9.18 Passed ⁶	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 4.42 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FFFFFFEF)	Ratio: 9.67 Passed ⁶	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 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.