

Converting Colors - WCAG Matrix

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

	Hex(620001)	Hex(FF8E2)	Hex(9B3A2F)	Hex(B95446)	Hex(D76E5E)	Hex(F58877)	Hex(FFA390)	Hex(FFBFAB)	Hex(FFDBC6)
Hex(620001)		Ratio: 13.01 Passed ⁶	Ratio: 2.00 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.17 Passed ⁶	Ratio: 8.75 Passed ⁶	Ratio: 10.66 Passed ⁶
Hex(FF8E2)	Ratio: 13.01 Passed ⁶		Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 4.48 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(9B3A2F)	Ratio: 2.00 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴
Hex(B95446)	Ratio: 2.91 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.67 AA 18pt ²
Hex(D76E5E)	Ratio: 4.13 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(F58877)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(FFA390)	Ratio: 7.17 Passed ⁶	Ratio: 1.82 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFBFAB)	Ratio: 8.75 Passed ⁶	Ratio: 1.49 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFDBC6)	Ratio: 10.66 Passed ⁶	Ratio: 1.22 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 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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