

Converting Colors - WCAG Matrix

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

Hex(5E0900) Hex(FFFB2E) Hex(973F2F) Hex(B45845) Hex(D2715D) Hex(F08C76) Hex(FFA790) Hex(FFC2AA) Hex(FFDFC6)

	Hex(5E0900)	Hex(FFFB2E)	Hex(973F2F)	Hex(B45845)	Hex(D2715D)	Hex(F08C76)	Hex(FFA790)	Hex(FFC2AA)	Hex(FFDFC6)
Hex(5E0900)		Ratio: 13.30 Passed ⁶	Ratio: 2.03 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 7.38 Passed ⁶	Ratio: 8.94 Passed ⁶	Ratio: 10.97 Passed ⁶
Hex(FFFB2E)	Ratio: 13.30 Passed ⁶		Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.22 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(973F2F)	Ratio: 2.03 Failed ⁵	Ratio: 6.57 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 5.42 AA ¹ AAA 18pt ⁴
Hex(B45845)	Ratio: 2.92 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.76 AA 18pt ²
Hex(D2715D)	Ratio: 4.13 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(F08C76)	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 2.31 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(FFA790)	Ratio: 7.38 Passed ⁶	Ratio: 1.80 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFC2AA)	Ratio: 8.94 Passed ⁶	Ratio: 1.49 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(FFDFC6)	Ratio: 10.97 Passed ⁶	Ratio: 1.21 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 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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