

Converting Colors - WCAG Matrix

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

	Hex(460300)	Hex(FFEE2)	Hex(7B352F)	Hex(974D46)	Hex(B4665D)	Hex(D17F76)	Hex(E9A90)	Hex(FFB5AA)	Hex(FFD1C6)
Hex(460300)		Ratio: 14.59 Passed ⁶	Ratio: 1.88 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 7.59 Passed ⁶	Ratio: 9.77 Passed ⁶	Ratio: 11.93 Passed ⁶
Hex(FFEE2)	Ratio: 14.59 Passed ⁶		Ratio: 7.77 Passed ⁶	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(7B352F)	Ratio: 1.88 Failed ⁵	Ratio: 7.77 Passed ⁶		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴
Hex(974D46)	Ratio: 2.72 Failed ⁵	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 4.38 AA 18pt ²
Hex(B4665D)	Ratio: 3.93 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(D17F76)	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 2.65 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(E9A90)	Ratio: 7.59 Passed ⁶	Ratio: 1.92 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(FFB5AA)	Ratio: 9.77 Passed ⁶	Ratio: 1.49 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFD1C6)	Ratio: 11.93 Passed ⁶	Ratio: 1.22 Failed ⁵	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 4.38 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.57 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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