

Converting Colors - WCAG Matrix

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

	Hex(762C00)	Hex(FFFE7)	Hex(B05C30)	Hex(CE7648)	Hex(EC9060)	Hex(FFAB7A)	Hex(FFC694)	Hex(FFE3AF)	Hex(FFFFCA)
Hex(762C00)		Ratio: 9.72 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 6.46 AA ¹ AAA 18pt ⁴	Ratio: 7.91 Passed ⁶	Ratio: 9.58 Passed ⁶
Hex(FFFE7)	Ratio: 9.72 Passed ⁶		Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(B05C30)	Ratio: 2.07 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴
Hex(CE7648)	Ratio: 2.96 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(EC9060)	Ratio: 4.09 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(FFAB7A)	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 1.82 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(FFC694)	Ratio: 6.46 AA ¹ AAA 18pt ⁴	Ratio: 1.51 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FFE3AF)	Ratio: 7.91 Passed ⁶	Ratio: 1.23 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFFFCA)	Ratio: 9.58 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 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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