

Converting Colors - WCAG Matrix

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

	Hex(614B00)	Hex(FFFEE)	Hex(977B34)	Hex(B3954D)	Hex(D0AF66)	Hex(EDCB80)	Hex(FFE79A)	Hex(FFFB6)	Hex(FFFD2)
Hex(614B00)		Ratio: 8.27 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 8.04 Passed ⁶	Ratio: 8.15 Passed ⁶
Hex(FFFEE)	Ratio: 8.27 Passed ⁶		Ratio: 4.00 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(977B34)	Ratio: 2.07 Failed ⁵	Ratio: 4.00 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 3.89 AA 18pt ²	Ratio: 3.94 AA 18pt ²
Hex(B3954D)	Ratio: 2.91 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(D0AF66)	Ratio: 3.98 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(EDCB80)	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.55 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(FFE79A)	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FFFB6)	Ratio: 8.04 Passed ⁶	Ratio: 1.03 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFD2)	Ratio: 8.15 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.01 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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