

Converting Colors - WCAG Matrix

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

	Hex(634809)	Hex(FFFFFF4)	Hex(99783A)	Hex(B59253)	Hex(D2AC6C)	Hex(EFC786)	Hex(FFE3A0)	Hex(FFFFBB)	Hex(FFFD7)
Hex(634809)		Ratio: 8.48 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 8.24 Passed ⁶	Ratio: 8.34 Passed ⁶
Hex(FFFFFF4)	Ratio: 8.48 Passed ⁶		Ratio: 4.09 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(99783A)	Ratio: 2.07 Failed ⁵	Ratio: 4.09 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 4.03 AA 18pt ²
Hex(B59253)	Ratio: 2.93 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(D2AC6C)	Ratio: 4.00 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(EFC786)	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.58 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(FFE3A0)	Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(FFFFBB)	Ratio: 8.24 Passed ⁶	Ratio: 1.03 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFD7)	Ratio: 8.34 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.23 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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