

Converting Colors - WCAG Matrix

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

	Hex(A87648)	Hex(FFFFFF)	Hex(E2AA7A)	Hex(FFC694)	Hex(FFE2AE)	Hex(FFFECA)	Hex(FFFFE6)
Hex(A87648)		Ratio: 3.93 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 3.87 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.93 AA 18pt ²		Ratio: 2.05 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(E2AA7A)	Ratio: 1.92 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(FFC694)	Ratio: 2.57 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFE2AE)	Ratio: 3.13 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FFFECA)	Ratio: 3.79 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFE6)	Ratio: 3.87 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 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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