

Converting Colors - WCAG Matrix

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

	Hex(76602E)	Hex(917945)	Hex(AC925E)	Hex(C8AD77)	Hex(E5C891)	Hex(FFE4AC)	Hex(FFFC7)	Hex(FFFE3)	Hex(FFFFFF)
Hex(76602E)		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(917945)	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 4.18 AA 18pt ²
Hex(AC925E)	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(C8AD77)	Ratio: 2.78 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(E5C891)	Ratio: 3.73 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(FFE4AC)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FFFC7)	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFE3)	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 4.11 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFF)	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 4.18 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.03 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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