

Converting Colors - WCAG Matrix

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

Hex(94532F) Hex(FFFFFF) Hex(CE865E) Hex(EBA077) Hex(FFBB91) Hex(FFD7AC) Hex(FFF4C7) Hex(FFFE4)

	Hex(94532F)	Hex(FFFFFF)	Hex(CE865E)	Hex(EBA077)	Hex(FFBB91)	Hex(FFD7AC)	Hex(FFF4C7)	Hex(FFFE4)
Hex(94532F)		Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 5.84 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.94 AA ¹ AAA 18pt ⁴		Ratio: 2.92 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(CE865E)	Ratio: 2.03 Failed ⁵	Ratio: 2.92 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(EBA077)	Ratio: 2.78 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(FFBB91)	Ratio: 3.61 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(FFD7AC)	Ratio: 4.40 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(FFF4C7)	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(FFFE4)	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.09 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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