

Converting Colors - WCAG Matrix

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

Hex(917F5A) Hex(FFFFFF) Hex(C8B48D) Hex(E5CFA7) Hex(FFEBC2) Hex(FFFDE) Hex(FFFFB)

	Hex(917F5A)	Hex(FFFFFF)	Hex(C8B48D)	Hex(E5CFA7)	Hex(FFEBC2)	Hex(FFFDE)	Hex(FFFFB)
Hex(917F5A)		Ratio: 3.90 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 3.89 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.90 AA 18pt ²		Ratio: 2.03 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(C8B48D)	Ratio: 1.92 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(E5CFA7)	Ratio: 2.56 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(FFEBC2)	Ratio: 3.33 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(FFFDE)	Ratio: 3.83 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFB)	Ratio: 3.89 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.17 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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