

Converting Colors - WCAG Matrix

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

	Hex(937754)	Hex(FFFFFF)	Hex(CAAB86)	Hex(E7C6A0)	Hex(FFE2BB)	Hex(FFF7D7)	Hex(FFFFF4)
Hex(937754)		Ratio: 4.19 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 4.17 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.19 AA 18pt ²		Ratio: 2.17 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(CAAB86)	Ratio: 1.93 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(E7C6A0)	Ratio: 2.59 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(FFE2BB)	Ratio: 3.36 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FFF7D7)	Ratio: 4.10 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF4)	Ratio: 4.17 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.61 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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