

Converting Colors - WCAG Matrix

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

	Hex(92785D)	Hex(FFFFFF)	Hex(C9AC8F)	Hex(E5C8AA)	Hex(FFE4C5)	Hex(FFFE1)	Hex(FFFFFE)
Hex(92785D)		Ratio: 4.14 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 4.14 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.14 AA 18pt ²		Ratio: 2.15 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(C9AC8F)	Ratio: 1.93 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(E5C8AA)	Ratio: 2.60 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(FFE4C5)	Ratio: 3.39 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(FFFE1)	Ratio: 4.07 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFE)	Ratio: 4.14 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 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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