

Converting Colors - WCAG Matrix

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

	Hex(976C5C)	Hex(FFFFFF)	Hex(CFA08E)	Hex(EBBBA9)	Hex(FFD6C4)	Hex(FFF3E0)	Hex(FFFFFD)
Hex(976C5C)		Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.55 AA ¹ AAA 18pt ⁴		Ratio: 2.31 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(CFA08E)	Ratio: 1.97 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(EBBBA9)	Ratio: 2.65 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(FFD6C4)	Ratio: 3.39 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(FFF3E0)	Ratio: 4.15 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(FFFFFD)	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 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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