

Converting Colors - WCAG Matrix

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

Hex(756F4B) Hex(FFFFFF) Hex(AAA37C) Hex(C5BE96) Hex(E1D9B1) Hex(FEF6CC) Hex(FFFE9)

Hex(756F4B)		Ratio: 5.08 AA ¹	Ratio: 1.99 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 4.66 AA ¹	Ratio: 5.02 AA ¹
		AAA 18pt ⁴				AAA 18pt ⁴	AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.08 AA ¹		Ratio: 2.55 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵
	AAA 18pt ⁴						
Hex(AAA37C)	Ratio: 1.99 Failed ⁵	Ratio: 2.55 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(C5BE96)	Ratio: 2.71 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(E1D9B1)	Ratio: 3.57 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(FEF6CC)	Ratio: 4.66 AA ¹	Ratio: 1.09 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.08 Failed ⁵
	AAA 18pt ⁴						
Hex(FFFE9)	Ratio: 5.02 AA ¹	Ratio: 1.01 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.08 Failed ⁵	
	AAA 18pt ⁴						

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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