

Converting Colors - WCAG Matrix

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

Hex(8F7550) Hex(FFFFFF) Hex(C6A982) Hex(E3C49C) Hex(FFE0B7) Hex(FFFDD3) Hex(FFF9C4)

	Hex(8F7550)	Hex(FFFFFF)	Hex(C6A982)	Hex(E3C49C)	Hex(FFE0B7)	Hex(FFFDD3)	Hex(FFF9C4)
Hex(8F7550)		Ratio: 4.35 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 4.31 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.35 AA 18pt ²		Ratio: 2.23 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(C6A982)	Ratio: 1.95 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(E3C49C)	Ratio: 2.62 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(FFE0B7)	Ratio: 3.44 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(FFFDD3)	Ratio: 4.19 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FFF9C4)	Ratio: 4.31 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 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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