

Converting Colors - WCAG Matrix

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

	Hex(F87D54)	Hex(FFFFFF)	Hex(FFB386)	Hex(FFD0A1)	Hex(FFECBC)	Hex(FFFFD8)	Hex(FFFFF5)
Hex(F87D54)		Ratio: 2.61 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(FFFFFF)	Ratio: 2.61 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FFB386)	Ratio: 1.50 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(FFD0A1)	Ratio: 1.84 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(FFECBC)	Ratio: 2.23 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(FFFFD8)	Ratio: 2.55 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF5)	Ratio: 2.59 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.16 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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