

Converting Colors - WCAG Matrix

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

	Hex(FF5436)	Hex(FFFFFF)	Hex(FF8E67)	Hex(FFAA81)	Hex(FFC79B)	Hex(FFE5B6)	Hex(FFFFD2)	Hex(FFFFEF)
Hex(FF5436)		Ratio: 3.19 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.16 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.19 AA 18pt ²		Ratio: 2.25 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FF8E67)	Ratio: 1.42 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(FFAA81)	Ratio: 1.72 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(FFC79B)	Ratio: 2.11 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFE5B6)	Ratio: 2.61 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(FFFFD2)	Ratio: 3.12 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFEF)	Ratio: 3.16 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.21 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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