

Converting Colors - WCAG Matrix

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

	Hex(FF5033)	Hex(FFFFFF)	Hex(FF8A64)	Hex(FFA77E)	Hex(FFC498)	Hex(FFE2B4)	Hex(FFFFCF)	Hex(FFFFEC)
Hex(FF5033)		Ratio: 3.26 AA 18pt ²	Ratio: 1.41 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.22 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.26 AA 18pt ²		Ratio: 2.31 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FF8A64)	Ratio: 1.41 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(FFA77E)	Ratio: 1.72 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(FFC498)	Ratio: 2.11 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(FFE2B4)	Ratio: 2.60 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FFFFCF)	Ratio: 3.17 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFEC)	Ratio: 3.22 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.24 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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