

Converting Colors - WCAG Matrix

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

	Hex(FF6F45)	Hex(FF8A5E)	Hex(FFA677)	Hex(FFC391)	Hex(FFDFAC)	Hex(FFFDC8)	Hex(FFFFE4)	Hex(FFFFFF)
Hex(FF6F45)		Ratio: 1.19 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(FF8A5E)	Ratio: 1.19 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(FFA677)	Ratio: 1.44 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(FFC391)	Ratio: 1.77 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(FFDFAC)	Ratio: 2.15 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(FFFDC8)	Ratio: 2.65 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFFE4)	Ratio: 2.72 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFF)	Ratio: 2.76 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 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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