

Converting Colors - WCAG Matrix

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

	Hex(FF8C35)	Hex(FF9B4F)	Hex(FFA968)	Hex(FFB882)	Hex(FFC69B)	Hex(FFD5B4)	Hex(FFE3CE)	Hex(FFF2E8)	Hex(FFFFFF)
Hex(FF8C35)		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(FF9B4F)	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(FFA968)	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(FFB882)	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(FFC69B)	Ratio: 1.52 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(FFD5B4)	Ratio: 1.70 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(FFE3CE)	Ratio: 1.89 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(FFF2E8)	Ratio: 2.11 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(FFFFFF)	Ratio: 2.32 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 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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