

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.								
	Hex(FF8538)	Hex(FFFFFF)	Hex(FFBA6B)	Hex(FFD987)	Hex(FFF5A3)	Hex(FFFFBF)	Hex(FFFFD9)	Hex(FFFFF7)
Hex(FF8538)		Ratio: 2.42 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(FFFFFF)	Ratio: 2.42 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(FFBA6B)	Ratio: 1.44 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(FFD987)	Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(FFF5A3)	Ratio: 2.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(FFFFBF)	Ratio: 2.34 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFD9)	Ratio: 2.37 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF7)	Ratio: 2.41 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 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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