

Converting Colors - WCAG Matrix

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

	Hex(F96A53)	Hex(FFFFFF)	Hex(FFA185)	Hex(FFBEA0)	Hex(FFDABB)	Hex(FFF8D7)	Hex(FFFFF3)
Hex(F96A53)		Ratio: 2.91 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(FFFFFF)	Ratio: 2.91 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FFA185)	Ratio: 1.48 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(FFBEA0)	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(FFDABB)	Ratio: 2.22 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(FFF8D7)	Ratio: 2.73 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(FFFFF3)	Ratio: 2.89 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.06 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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