

Converting Colors - WCAG Matrix

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

Hex(C15047) Hex(FFFFFF) Hex(FE8578) Hex(FFA091) Hex(FFBCAC) Hex(FFD9C7) Hex(FFF6E3)

	Hex(C15047)	Hex(FFFFFF)	Hex(FE8578)	Hex(FFA091)	Hex(FFBCAC)	Hex(FFD9C7)	Hex(FFF6E3)
Hex(C15047)		Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.34 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.66 AA ¹ AAA 18pt ⁴		Ratio: 2.38 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(FE8578)	Ratio: 1.96 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(FFA091)	Ratio: 2.37 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(FFBCAC)	Ratio: 2.89 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFD9C7)	Ratio: 3.55 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF6E3)	Ratio: 4.34 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 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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