

Converting Colors - WCAG Matrix

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

Hex(C76F5D) Hex(FFFFFF) Hex(FFA490) Hex(FFBFAB) Hex(FFDCC6) Hex(FFF8E2)

	Hex(C76F5D)	Hex(FFFFFF)	Hex(FFA490)	Hex(FFBFAB)	Hex(FFDCC6)	Hex(FFF8E2)
Hex(C76F5D)		Ratio: 3.58 AA 18pt²	Ratio: 1.87 Failed⁵	Ratio: 2.27 Failed⁵	Ratio: 2.78 Failed⁵	Ratio: 3.37 AA 18pt²
Hex(FFFFFF)	Ratio: 3.58 AA 18pt²		Ratio: 1.92 Failed⁵	Ratio: 1.58 Failed⁵	Ratio: 1.29 Failed⁵	Ratio: 1.06 Failed⁵
Hex(FFA490)	Ratio: 1.87 Failed⁵	Ratio: 1.92 Failed⁵		Ratio: 1.21 Failed⁵	Ratio: 1.49 Failed⁵	Ratio: 1.80 Failed⁵
Hex(FFBFAB)	Ratio: 2.27 Failed⁵	Ratio: 1.58 Failed⁵	Ratio: 1.21 Failed⁵		Ratio: 1.23 Failed⁵	Ratio: 1.49 Failed⁵
Hex(FFDCC6)	Ratio: 2.78 Failed⁵	Ratio: 1.29 Failed⁵	Ratio: 1.49 Failed⁵	Ratio: 1.23 Failed⁵		Ratio: 1.21 Failed⁵
Hex(FFF8E2)	Ratio: 3.37 AA 18pt²	Ratio: 1.06 Failed⁵	Ratio: 1.80 Failed⁵	Ratio: 1.49 Failed⁵	Ratio: 1.21 Failed⁵	

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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