

Converting Colors - WCAG Matrix

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

	Hex(C66D29)	Hex(FFFFFF)	Hex(FFA15B)	Hex(FFBD75)	Hex(FFD990)	Hex(FFF5AB)	Hex(FFFFC6)	Hex(FFFE3)
Hex(C66D29)		Ratio: 3.74 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 3.68 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.74 AA 18pt ²		Ratio: 2.00 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFA15B)	Ratio: 1.87 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(FFBD75)	Ratio: 2.28 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(FFD990)	Ratio: 2.77 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(FFF5AB)	Ratio: 3.36 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(FFFFC6)	Ratio: 3.62 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFE3)	Ratio: 3.68 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 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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