

Converting Colors - WCAG Matrix

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

	Hex(C1A220)	Hex(FFFFFF)	Hex(FDD85A)	Hex(FFF576)	Hex(FFFF91)	Hex(FFFFAD)	Hex(FFFC9)	Hex(FFFE6)
Hex(C1A220)		Ratio: 2.48 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(FFFFFF)	Ratio: 2.48 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FDD85A)	Ratio: 1.79 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(FFF576)	Ratio: 2.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(FFFF91)	Ratio: 2.36 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFFAD)	Ratio: 2.38 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFC9)	Ratio: 2.41 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFE6)	Ratio: 2.45 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 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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