

Converting Colors - WCAG Matrix

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

	Hex(C87900)	Hex(FFFFFF)	Hex(FFAE44)	Hex(FFC95F)	Hex(FFE67A)	Hex(FFFF95)	Hex(FFFFB1)	Hex(FFFFCE)	Hex(FFFFEB)
Hex(C87900)		Ratio: 3.39 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 3.35 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.39 AA 18pt ²		Ratio: 1.84 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FFAE44)	Ratio: 1.84 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(FFC95F)	Ratio: 2.22 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(FFE67A)	Ratio: 2.72 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(FFFF95)	Ratio: 3.23 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFFB1)	Ratio: 3.26 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFCE)	Ratio: 3.30 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFEB)	Ratio: 3.35 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 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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