

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(CF6900) Hex(FF8100) Hex(CFCF00) Hex(69635E) Hex(A85500) Hex(291500)

	Hex(CF6900)	Hex(FF8100)	Hex(CFCF00)	Hex(69635E)	Hex(A85500)	Hex(291500)
Hex(CF6900)		Ratio: 1.48 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(FF8100)	Ratio: 1.48 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 6.98 AA ¹ AAA 18pt ⁴
Hex(CFCF00)	Ratio: 2.22 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 3.55 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 10.47 Passed ⁶
Hex(69635E)	Ratio: 1.60 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.55 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(A85500)	Ratio: 1.43 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 3.30 AA 18pt ²
Hex(291500)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 10.47 Passed ⁶	Ratio: 2.95 Failed ⁵	Ratio: 3.30 AA 18pt ²	

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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