

Converting Colors - WCAG Matrix

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

Hex(CA7D1C) Hex(FF8E00) Hex(C1CA1C) Hex(66615C) Hex(A65C00) Hex(261500)

	Hex(CA7D1C)	Hex(FF8E00)	Hex(C1CA1C)	Hex(66615C)	Hex(A65C00)	Hex(261500)
Hex(CA7D1C)		Ratio: 1.41 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴
Hex(FF8E00)	Ratio: 1.41 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 7.67 Passed ⁶
Hex(C1CA1C)	Ratio: 1.82 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.42 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 9.86 Passed ⁶
Hex(66615C)	Ratio: 1.88 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.42 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(A65C00)	Ratio: 1.56 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 3.49 AA 18pt ²
Hex(261500)	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 7.67 Passed ⁶	Ratio: 9.86 Passed ⁶	Ratio: 2.88 Failed ⁵	Ratio: 3.49 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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