

Converting Colors - WCAG Matrix

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

Hex(FFC40D) Hex(FFC200) Hex(C2FF0D) Hex(807D73) Hex(BF9100) Hex(403000)

	Hex(FFC40D)	Hex(FFC200)	Hex(C2FF0D)	Hex(807D73)	Hex(BF9100)	Hex(403000)
Hex(FFC40D)		Ratio: 1.01 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 8.02 Passed ⁶
Hex(FFC200)	Ratio: 1.01 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 7.90 Passed ⁶
Hex(C2FF0D)	Ratio: 1.34 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 3.45 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 10.73 Passed ⁶
Hex(807D73)	Ratio: 2.58 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.45 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(BF9100)	Ratio: 1.81 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 4.43 AA 18pt ²
Hex(403000)	Ratio: 8.02 Passed ⁶	Ratio: 7.90 Passed ⁶	Ratio: 10.73 Passed ⁶	Ratio: 3.11 AA 18pt ²	Ratio: 4.43 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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