

Converting Colors - WCAG Matrix

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

Hex(FC7049) Hex(FF5526) Hex(FCC749) Hex(807673) Hex(BF2900) Hex(400E00)

	Hex(FC7049)	Hex(FF5526)	Hex(FCC749)	Hex(807673)	Hex(BF2900)	Hex(400E00)
Hex(FC7049)		Ratio: 1.15 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 5.90 AA ¹ AAA 18pt ⁴
Hex(FF5526)	Ratio: 1.15 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴
Hex(FCC749)	Ratio: 1.77 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 10.47 Passed ⁶
Hex(807673)	Ratio: 1.59 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.82 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(BF2900)	Ratio: 2.14 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 1.35 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(400E00)	Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 10.47 Passed ⁶	Ratio: 3.71 AA 18pt ²	Ratio: 2.76 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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