

Converting Colors - WCAG Matrix

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

Hex(F07305) Hex(FF7800) Hex(F0E805) Hex(78706B) Hex(B85700) Hex(381A00)

	Hex(F07305)	Hex(FF7800)	Hex(F0E805)	Hex(78706B)	Hex(B85700)	Hex(381A00)
Hex(F07305)		Ratio: 1.11 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴
Hex(FF7800)	Ratio: 1.11 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(F0E805)	Ratio: 2.27 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 3.75 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 12.35 Passed ⁶
Hex(78706B)	Ratio: 1.65 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 3.75 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(B85700)	Ratio: 1.63 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 3.34 AA 18pt ²
Hex(381A00)	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 12.35 Passed ⁶	Ratio: 3.29 AA 18pt ²	Ratio: 3.34 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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