

Converting Colors - WCAG Matrix

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

Hex(FD8519) Hex(FF7900) Hex(FDF519) Hex(807973) Hex(BF5B00) Hex(401E00)

	Hex(FD8519)	Hex(FF7900)	Hex(FDF519)	Hex(807973)	Hex(BF5B00)	Hex(401E00)
Hex(FD8519)		Ratio: 1.07 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(FF7900)	Ratio: 1.07 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴
Hex(FDF519)	Ratio: 2.14 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 13.00 Passed ⁶
Hex(807973)	Ratio: 1.74 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 3.72 AA 18pt ²		Ratio: 1.04 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(BF5B00)	Ratio: 1.81 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 3.36 AA 18pt ²
Hex(401E00)	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 13.00 Passed ⁶	Ratio: 3.49 AA 18pt ²	Ratio: 3.36 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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