

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FA9119) Hex(FF8800) Hex(F2FA19) Hex(7D7770) Hex(BD6500) Hex(3D2100)

	Hex(FA9119)	Hex(FF8800)	Hex(F2FA19)	Hex(7D7770)	Hex(BD6500)	Hex(3D2100)
Hex(FA9119)		Ratio: 1.04 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴
Hex(FF8800)	Ratio: 1.04 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 6.20 AA ¹ AAA 18pt ⁴
Hex(F2FA19)	Ratio: 2.02 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 13.04 Passed ⁶
Hex(7D7770)	Ratio: 1.92 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.89 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(BD6500)	Ratio: 1.82 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 3.55 AA 18pt ²
Hex(3D2100)	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 13.04 Passed ⁶	Ratio: 3.35 AA 18pt ²	Ratio: 3.55 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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