

Converting Colors - WCAG Matrix

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

Hex(F76615) Hex(FF5B00) Hex(F7D515) Hex(7A736E) Hex(BA4300) Hex(3B1500)

	Hex(F76615)	Hex(FF5B00)	Hex(F7D515)	Hex(7A736E)	Hex(BA4300)	Hex(3B1500)
Hex(F76615)		Ratio: 1.02 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴
Hex(FF5B00)	Ratio: 1.02 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(F7D515)	Ratio: 2.11 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 3.21 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 11.20 Passed ⁶
Hex(7A736E)	Ratio: 1.52 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.21 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(BA4300)	Ratio: 1.76 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 3.01 AA 18pt ²
Hex(3B1500)	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 11.20 Passed ⁶	Ratio: 3.48 AA 18pt ²	Ratio: 3.01 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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