

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E54D00) Hex(FF5500) Hex(E5BF00) Hex(736B67) Hex(B23C00) Hex(331100)

Hex(E54D00)		Ratio: 1.21 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 4.42 AA 18pt ²
Hex(FF5500)	Ratio: 1.21 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(E5BF00)	Ratio: 2.18 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 2.93 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 9.65 Passed ⁶
Hex(736B67)	Ratio: 1.34 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.93 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(B23C00)	Ratio: 1.52 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(331100)	Ratio: 4.42 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 9.65 Passed ⁶	Ratio: 3.30 AA 18pt ²	Ratio: 2.90 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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