

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(ED593B) Hex(FF4019) Hex(EDB23B) Hex(756C6A) Hex(B51E00) Hex(360900)

Hex(ED593B)		Ratio: 1.02 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(FF4019)	Ratio: 1.02 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(EDB23B)	Ratio: 1.81 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 9.22 Passed ⁶
Hex(756C6A)	Ratio: 1.48 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.68 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(B51E00)	Ratio: 1.93 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.30 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(360900)	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 9.22 Passed ⁶	Ratio: 3.44 AA 18pt ²	Ratio: 2.63 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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