

Converting Colors - WCAG Matrix

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

Hex(FF2957) Hex(FF0037) Hex(FF6529) Hex(807375) Hex(BF0029) Hex(40000E)

	Hex(FF2957)	Hex(FF0037)	Hex(FF6529)	Hex(807375)	Hex(BF0029)	Hex(40000E)
Hex(FF2957)		Ratio: 1.08 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(FF0037)	Ratio: 1.08 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 4.33 AA 18pt ²
Hex(FF6529)	Ratio: 1.25 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴
Hex(807375)	Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(BF0029)	Ratio: 1.76 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(40000E)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 4.33 AA 18pt ²	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 3.78 AA 18pt ²	Ratio: 2.65 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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