

Converting Colors - WCAG Matrix

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

Hex(5E3133) Hex(7A3538) Hex(314A5E) Hex(302C2C) Hex(700005) Hex(F0000A)

	Hex(5E3133)	Hex(7A3538)	Hex(314A5E)	Hex(302C2C)	Hex(700005)	Hex(F0000A)
Hex(5E3133)		Ratio: 1.22 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(7A3538)	Ratio: 1.22 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(314A5E)	Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(302C2C)	Ratio: 1.29 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(700005)	Ratio: 1.16 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(F0000A)	Ratio: 2.40 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 2.78 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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