

Converting Colors - WCAG Matrix

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

Hex(402F2C) Hex(543934) Hex(40392C) Hex(211E1E) Hex(610F00) Hex(E02200)

	Hex(402F2C)	Hex(543934)	Hex(40392C)	Hex(211E1E)	Hex(610F00)	Hex(E02200)
Hex(402F2C)		Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(543934)	Ratio: 1.21 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(40392C)	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(211E1E)	Ratio: 1.31 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(610F00)	Ratio: 1.05 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E02200)	Ratio: 2.65 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.79 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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