

Converting Colors - WCAG Matrix

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

Hex(413935) Hex(544842) Hex(413F35) Hex(211F1E) Hex(612000) Hex(E04B00)

	Hex(413935)	Hex(544842)	Hex(413F35)	Hex(211F1E)	Hex(612000)	Hex(E04B00)
Hex(413935)		Ratio: 1.28 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(544842)	Ratio: 1.28 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(413F35)	Ratio: 1.07 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(211F1E)	Ratio: 1.45 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(612000)	Ratio: 1.09 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 3.02 AA 18pt ²
Hex(E04B00)	Ratio: 2.78 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 3.02 AA 18pt ²	

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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