

Converting Colors - WCAG Matrix

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

Hex(41322A) Hex(543D30) Hex(413E2A) Hex(211F1E) Hex(612400) Hex(E05200)

	Hex(41322A)	Hex(543D30)	Hex(413E2A)	Hex(211F1E)	Hex(612400)	Hex(E05200)
Hex(41322A)		Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(543D30)	Ratio: 1.22 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(413E2A)	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(211F1E)	Ratio: 1.34 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.20 AA 18pt ²
Hex(612400)	Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 3.05 AA 18pt ²
Hex(E05200)	Ratio: 3.14 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 3.05 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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