

Converting Colors - WCAG Matrix

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

Hex(433F3C) Hex(57504B) Hex(43423C) Hex(211F1E) Hex(612A00) Hex(E06000)

	Hex(433F3C)	Hex(57504B)	Hex(43423C)	Hex(211F1E)	Hex(612A00)	Hex(E06000)
Hex(433F3C)		Ratio: 1.32 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(57504B)	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(43423C)	Ratio: 1.03 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(211F1E)	Ratio: 1.57 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(612A00)	Ratio: 1.10 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 3.18 AA 18pt ²
Hex(E06000)	Ratio: 2.90 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 3.18 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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