

Converting Colors - WCAG Matrix

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

Hex(403030) Hex(543B3B) Hex(403830) Hex(211E1E) Hex(610000) Hex(E00000)

	Hex(403030)	Hex(543B3B)	Hex(403830)	Hex(211E1E)	Hex(610000)	Hex(E00000)
Hex(403030)		Ratio: 1.23 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(543B3B)	Ratio: 1.23 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(403830)	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(211E1E)	Ratio: 1.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(610000)	Ratio: 1.12 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(E00000)	Ratio: 2.48 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 2.76 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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