

Converting Colors - WCAG Matrix

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

Hex(2E1E22) Hex(3B2329) Hex(1E2A2E) Hex(171515) Hex(570017) Hex(D60039)

	Hex(2E1E22)	Hex(3B2329)	Hex(1E2A2E)	Hex(171515)	Hex(570017)	Hex(D60039)
Hex(2E1E22)		Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(3B2329)	Ratio: 1.10 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(1E2A2E)	Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(171515)	Ratio: 1.15 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(570017)	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(D60039)	Ratio: 2.96 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.39 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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