

Converting Colors - WCAG Matrix

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

Hex(2E2225) Hex(3B282D) Hex(222B2E) Hex(171515) Hex(570016) Hex(D60036)

	Hex(2E2225)	Hex(3B282D)	Hex(222B2E)	Hex(171515)	Hex(570016)	Hex(D60036)
Hex(2E2225)		Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(3B282D)	Ratio: 1.11 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(222B2E)	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(171515)	Ratio: 1.19 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(570016)	Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(D60036)	Ratio: 2.85 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.69 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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