

Converting Colors - WCAG Matrix

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

Hex(2E0A11) Hex(3B040E) Hex(2E160A) Hex(171515) Hex(570010) Hex(D60027)

	Hex(2E0A11)	Hex(3B040E)	Hex(2E160A)	Hex(171515)	Hex(570010)	Hex(D60027)
Hex(2E0A11)		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(3B040E)	Ratio: 1.04 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(2E160A)	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(171515)	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(570010)	Ratio: 1.21 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(D60027)	Ratio: 3.33 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 2.75 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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