

Converting Colors - WCAG Matrix

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

Hex(2E242E) Hex(3B2B3B) Hex(2E2429) Hex(171517) Hex(570057) Hex(D600D6)

	Hex(2E242E)	Hex(3B2B3B)	Hex(2E2429)	Hex(171517)	Hex(570057)	Hex(D600D6)
Hex(2E242E)		Ratio: 1.13 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(3B2B3B)	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(2E2429)	Ratio: 1.01 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(171517)	Ratio: 1.22 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(570057)	Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 3.13 AA 18pt ²
Hex(D600D6)	Ratio: 3.43 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 3.13 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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