

Converting Colors - WCAG Matrix

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

Hex(2C2C2C) **Hex(383838)** **Hex(171717)** **Hex(570009)** **Hex(D60016)**

Hex(2C2C2C)		Ratio: 1.19 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(383838)	Ratio: 1.19 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(171717)	Ratio: 1.28 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(570009)	Ratio: 1.07 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(D60016)	Ratio: 2.57 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 3.30 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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