

Converting Colors - WCAG Matrix

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

Hex(636363) Hex(828282) Hex(303030) Hex(700200) Hex(F00400)

Hex(636363)		Ratio: 1.56 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(828282)	Ratio: 1.56 Failed ⁵		Ratio: 3.43 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 1.16 Failed ⁵
Hex(303030)	Ratio: 2.20 Failed ⁵	Ratio: 3.43 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(700200)	Ratio: 2.06 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(F00400)	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 2.78 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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