

Converting Colors - WCAG Matrix

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

Hex(676767) Hex(878787) Hex(333333) Hex(6F0073) Hex(EA00F2)

	Hex(676767)	Hex(878787)	Hex(333333)	Hex(6F0073)	Hex(EA00F2)
Hex(676767)		Ratio: 1.57 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(878787)	Ratio: 1.57 Failed ⁵		Ratio: 3.52 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 1.01 Failed ⁵
Hex(333333)	Ratio: 2.23 Failed ⁵	Ratio: 3.52 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(6F0073)	Ratio: 1.93 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 3.01 AA 18pt ²
Hex(EA00F2)	Ratio: 1.56 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 3.01 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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