

Converting Colors - WCAG Matrix

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

Hex(6E6E6E) Hex(8F8F8F) Hex(383838) Hex(785200) Hex(F7A900)

	Hex(6E6E6E)	Hex(8F8F8F)	Hex(383838)	Hex(785200)	Hex(F7A900)
Hex(6E6E6E)		Ratio: 1.58 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(8F8F8F)	Ratio: 1.58 Failed ⁵		Ratio: 3.63 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(383838)	Ratio: 2.30 Failed ⁵	Ratio: 3.63 AA 18pt ²		Ratio: 1.68 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(785200)	Ratio: 1.37 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 3.54 AA 18pt ²
Hex(F7A900)	Ratio: 2.58 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 3.54 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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