

Converting Colors - WCAG Matrix

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

Hex(6E646E) Hex(8F7F8F) Hex(6E6469) Hex(383238) Hex(780078) Hex(F700F7)

	Hex(6E646E)	Hex(8F7F8F)	Hex(6E6469)	Hex(383238)	Hex(780078)	Hex(F700F7)
Hex(6E646E)		Ratio: 1.51 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(8F7F8F)	Ratio: 1.51 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(6E6469)	Ratio: 1.01 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(383238)	Ratio: 2.21 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.19 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(780078)	Ratio: 1.79 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(F700F7)	Ratio: 1.70 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 3.04 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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