

Converting Colors - WCAG Matrix

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

Hex(67646E) Hex(847F8F) Hex(6C646E) Hex(343238) Hex(240078) Hex(4A00F7)

	Hex(67646E)	Hex(847F8F)	Hex(6C646E)	Hex(343238)	Hex(240078)	Hex(4A00F7)
Hex(67646E)		Ratio: 1.49 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(847F8F)	Ratio: 1.49 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 2.06 Failed ⁵
Hex(6C646E)	Ratio: 1.02 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(343238)	Ratio: 2.18 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(240078)	Ratio: 2.69 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.96 Failed ⁵
Hex(4A00F7)	Ratio: 1.38 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.96 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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