

Converting Colors - WCAG Matrix

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

Hex(6D647C) Hex(897CA1) Hex(78647C) Hex(39373D) Hex(2B007D) Hex(5800FC)

	Hex(6D647C)	Hex(897CA1)	Hex(78647C)	Hex(39373D)	Hex(2B007D)	Hex(5800FC)
Hex(6D647C)		Ratio: 1.45 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(897CA1)	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 1.94 Failed ⁵
Hex(78647C)	Ratio: 1.04 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(39373D)	Ratio: 2.11 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.19 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(2B007D)	Ratio: 2.69 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.02 Failed ⁵
Hex(5800FC)	Ratio: 1.33 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.02 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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