

Converting Colors - WCAG Matrix

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

Hex(6B6C80) Hex(8586A6) Hex(746B80) Hex(393A40) Hex(000680) Hex(000000)

	Hex(6B6C80)	Hex(8586A6)	Hex(746B80)	Hex(393A40)	Hex(000680)	Hex(000000)
Hex(6B6C80)		Ratio: 1.46 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 4.08 AA 18pt ²
Hex(8586A6)	Ratio: 1.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 4.45 AA 18pt ²	Ratio: 5.96 AA ¹ AAA 18pt ⁴
Hex(746B80)	Ratio: 1.02 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 4.16 AA 18pt ²
Hex(393A40)	Ratio: 2.20 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 2.24 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(000680)	Ratio: 3.05 AA 18pt ²	Ratio: 4.45 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵
Hex(000000)	Ratio: 4.08 AA 18pt ²	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 4.16 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 1.34 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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