

Converting Colors - WCAG Matrix

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

Hex(5B6980) Hex(6C82A6) Hex(5F5B80) Hex(393C40) Hex(003080) Hex(000000)

	Hex(5B6980)	Hex(6C82A6)	Hex(5F5B80)	Hex(393C40)	Hex(003080)	Hex(000000)
Hex(5B6980)		Ratio: 1.42 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(6C82A6)	Ratio: 1.42 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴
Hex(5F5B80)	Ratio: 1.15 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(393C40)	Ratio: 1.99 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(003080)	Ratio: 2.18 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.73 Failed ⁵
Hex(000000)	Ratio: 3.78 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 1.73 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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