

Converting Colors - WCAG Matrix

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

Hex(5F7480) Hex(7293A6) Hex(5F6480) Hex(393D40) Hex(005180) Hex(000000)

	Hex(5F7480)	Hex(7293A6)	Hex(5F6480)	Hex(393D40)	Hex(005180)	Hex(000000)
Hex(5F7480)		Ratio: 1.50 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 4.30 AA 18pt ²
Hex(7293A6)	Ratio: 1.50 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 6.44 AA ¹ AAA 18pt ⁴
Hex(5F6480)	Ratio: 1.19 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(393D40)	Ratio: 2.24 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.89 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(005180)	Ratio: 1.73 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(000000)	Ratio: 4.30 AA 18pt ²	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.49 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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