

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(667682) Hex(7E97A8) Hex(666982) Hex(393D40) Hex(004C80) Hex(000000)

	Hex(667682)	Hex(7E97A8)	Hex(666982)	Hex(393D40)	Hex(004C80)	Hex(000000)
Hex(667682)		Ratio: 1.54 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(7E97A8)	Ratio: 1.54 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 6.88 AA ¹ AAA 18pt ⁴
Hex(666982)	Ratio: 1.15 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(393D40)	Ratio: 2.34 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.04 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(004C80)	Ratio: 1.91 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(000000)	Ratio: 4.48 AA 18pt ²	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.35 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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