

Converting Colors - WCAG Matrix

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

Hex(566F81) Hex(658CA8) Hex(565981) Hex(393D40) Hex(004A80) Hex(FFFFFF)

	Hex(566F81)	Hex(658CA8)	Hex(565981)	Hex(393D40)	Hex(004A80)	Hex(FFFFFF)
Hex(566F81)		Ratio: 1.47 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(658CA8)	Ratio: 1.47 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(565981)	Ratio: 1.27 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 6.68 AA ¹ AAA 18pt ⁴
Hex(393D40)	Ratio: 2.08 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.64 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 10.96 Passed ⁶
Hex(004A80)	Ratio: 1.74 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 9.17 Passed ⁶
Hex(FFFFFF)	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.58 AA 18pt ²	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 10.96 Passed ⁶	Ratio: 9.17 Passed ⁶	

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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