

Converting Colors - WCAG Matrix

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

Hex(C5C6CD) Hex(F2FAFF) Hex(C5C6CD) Hex(606466) Hex(0068A6) Hex(001826)

	Hex(C5C6CD)	Hex(F2FAFF)	Hex(C5C6CD)	Hex(606466)	Hex(0068A6)	Hex(001826)
Hex(C5C6CD)		Ratio: 1.57 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 10.96 Passed ⁶
Hex(F2FAFF)	Ratio: 1.57 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 17.17 Passed ⁶
Hex(C5C6CD)	Ratio: 1.03 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 10.64 Passed ⁶
Hex(606466)	Ratio: 3.62 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 3.51 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(0068A6)	Ratio: 3.60 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 3.49 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 3.05 AA 18pt ²
Hex(001826)	Ratio: 10.96 Passed ⁶	Ratio: 17.17 Passed ⁶	Ratio: 10.64 Passed ⁶	Ratio: 3.03 AA 18pt ²	Ratio: 3.05 AA 18pt ²	

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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