

Converting Colors - WCAG Matrix

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

Hex(5B98C0) Hex(5CBCFA) Hex(5B67C0) Hex(575D61) Hex(0062A1) Hex(001421)

	Hex(5B98C0)	Hex(5CBCFA)	Hex(5B67C0)	Hex(575D61)	Hex(0062A1)	Hex(001421)
Hex(5B98C0)		Ratio: 1.50 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 5.97 AA ¹ AAA 18pt ⁴
Hex(5CBCFA)	Ratio: 1.50 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 8.94 Passed ⁶
Hex(5B67C0)	Ratio: 1.62 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(575D61)	Ratio: 2.13 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(0062A1)	Ratio: 2.05 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(001421)	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 8.94 Passed ⁶	Ratio: 3.70 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.91 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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