

Converting Colors - WCAG Matrix

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

Hex(5CBCCC) Hex(57E8FF) Hex(5C85CC) Hex(5C6566) Hex(008FA6) Hex(002126)

	Hex(5CBCCC)	Hex(57E8FF)	Hex(5C85CC)	Hex(5C6566)	Hex(008FA6)	Hex(002126)
Hex(5CBCCC)		Ratio: 1.51 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 7.64 Passed ⁶
Hex(57E8FF)	Ratio: 1.51 Failed ⁵		Ratio: 2.53 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 11.55 Passed ⁶
Hex(5C85CC)	Ratio: 1.68 Failed ⁵	Ratio: 2.53 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴
Hex(5C6566)	Ratio: 2.71 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 1.62 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(008FA6)	Ratio: 1.74 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 4.40 AA 18pt ²
Hex(002126)	Ratio: 7.64 Passed ⁶	Ratio: 11.55 Passed ⁶	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵	Ratio: 4.40 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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