

Converting Colors - WCAG Matrix

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

Hex(9Cafb7) Hex(C2E0ED) Hex(9CA1B7) Hex(53595C) Hex(006A9C) Hex(00131C)

	Hex(9Cafb7)	Hex(C2E0ED)	Hex(9CA1B7)	Hex(53595C)	Hex(006A9C)	Hex(00131C)
Hex(9Cafb7)		Ratio: 1.64 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 8.31 Passed ⁶
Hex(C2E0ED)	Ratio: 1.64 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 4.29 AA 18pt ²	Ratio: 13.67 Passed ⁶
Hex(9CA1B7)	Ratio: 1.13 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 2.78 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 7.38 Passed ⁶
Hex(53595C)	Ratio: 3.13 AA 18pt ²	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 2.78 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(006A9C)	Ratio: 2.61 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.19 AA 18pt ²
Hex(00131C)	Ratio: 8.31 Passed ⁶	Ratio: 13.67 Passed ⁶	Ratio: 7.38 Passed ⁶	Ratio: 2.66 Failed ⁵	Ratio: 3.19 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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