

Converting Colors - WCAG Matrix

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

Hex(8CD9D9) Hex(94FFFF) Hex(8CB2D9) Hex(606B6B) Hex(00ABAB) Hex(002B2B)

	Hex(8CD9D9)	Hex(94FFFF)	Hex(8CB2D9)	Hex(606B6B)	Hex(00ABAB)	Hex(002B2B)
Hex(8CD9D9)		Ratio: 1.38 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 9.45 Passed ⁶
Hex(94FFFF)	Ratio: 1.38 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 2.43 Failed ⁵	Ratio: 13.04 Passed ⁶
Hex(8CB2D9)	Ratio: 1.38 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 6.87 AA ¹ AAA 18pt ⁴
Hex(606B6B)	Ratio: 3.42 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 2.49 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(00ABAB)	Ratio: 1.76 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(002B2B)	Ratio: 9.45 Passed ⁶	Ratio: 13.04 Passed ⁶	Ratio: 6.87 AA ¹ AAA 18pt ⁴	Ratio: 2.76 Failed ⁵	Ratio: 5.37 AA ¹ AAA 18pt ⁴	

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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