

Converting Colors - WCAG Matrix

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

Hex(94BFDB) Hex(9CD7FF) Hex(949CDB) Hex(63696E) Hex(0068AD) Hex(001C2E)

	Hex(94BFDB)	Hex(9CD7FF)	Hex(949CDB)	Hex(63696E)	Hex(0068AD)	Hex(001C2E)
Hex(94BFDB)		Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 8.90 Passed ⁶
Hex(9CD7FF)	Ratio: 1.26 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 11.26 Passed ⁶
Hex(949CDB)	Ratio: 1.34 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴
Hex(63696E)	Ratio: 2.84 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 2.13 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(0068AD)	Ratio: 3.00 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.97 Failed ⁵
Hex(001C2E)	Ratio: 8.90 Passed ⁶	Ratio: 11.26 Passed ⁶	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 3.13 AA 18pt ²	Ratio: 2.97 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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