

Converting Colors - WCAG Matrix

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

Hex(96BDDDB) Hex(9ED7FF) Hex(969DDB) Hex(63696E) Hex(0066AD) Hex(001B2E)

Hex(96BDDDB)		Ratio: 1.28 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 8.86 Passed ⁶
Hex(9ED7FF)	Ratio: 1.28 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 3.89 AA 18pt ²	Ratio: 11.38 Passed ⁶
Hex(969DDB)	Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 6.81 AA ¹ AAA 18pt ⁴
Hex(63696E)	Ratio: 2.81 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 2.16 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(0066AD)	Ratio: 3.02 AA 18pt ²	Ratio: 3.89 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.93 Failed ⁵
Hex(001B2E)	Ratio: 8.86 Passed ⁶	Ratio: 11.38 Passed ⁶	Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 3.16 AA 18pt ²	Ratio: 2.93 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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