

Converting Colors - WCAG Matrix

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

Hex(3B9BDB) Hex(1FA8FF) Hex(3B4EDB) Hex(63696E) Hex(0068AD) Hex(001B2E)

	Hex(3B9BDB)	Hex(1FA8FF)	Hex(3B4EDB)	Hex(63696E)	Hex(0068AD)	Hex(001B2E)
Hex(3B9BDB)		Ratio: 1.17 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(1FA8FF)	Ratio: 1.17 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 6.77 AA ¹ AAA 18pt ⁴
Hex(3B4EDB)	Ratio: 2.09 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(63696E)	Ratio: 1.83 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(0068AD)	Ratio: 1.92 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.00 AA 18pt ²
Hex(001B2E)	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 2.76 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.00 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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