

Converting Colors - WCAG Matrix

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

Hex(7CB4DA) Hex(7AC9FF) Hex(7C85DA) Hex(63696E) Hex(0067AD) Hex(001B2E)

	Hex(7CB4DA)	Hex(7AC9FF)	Hex(7C85DA)	Hex(63696E)	Hex(0067AD)	Hex(001B2E)
Hex(7CB4DA)		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 7.86 Passed ⁶
Hex(7AC9FF)	Ratio: 1.24 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 9.72 Passed ⁶
Hex(7C85DA)	Ratio: 1.51 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(63696E)	Ratio: 2.49 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.65 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(0067AD)	Ratio: 2.65 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.96 Failed ⁵
Hex(001B2E)	Ratio: 7.86 Passed ⁶	Ratio: 9.72 Passed ⁶	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 3.16 AA 18pt ²	Ratio: 2.96 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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