

Converting Colors - WCAG Matrix

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

Hex(A9B3FF) Hex(99A5FF) Hex(CAA9FF) Hex(737480) Hex(0016BF) Hex(000740)

	Hex(A9B3FF)	Hex(99A5FF)	Hex(CAA9FF)	Hex(737480)	Hex(0016BF)	Hex(000740)
Hex(A9B3FF)		Ratio: 1.15 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 9.58 Passed ⁶
Hex(99A5FF)	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 8.31 Passed ⁶
Hex(CAA9FF)	Ratio: 1.00 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 9.63 Passed ⁶
Hex(737480)	Ratio: 2.33 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(0016BF)	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 2.43 Failed ⁵		Ratio: 1.69 Failed ⁵
Hex(000740)	Ratio: 9.58 Passed ⁶	Ratio: 8.31 Passed ⁶	Ratio: 9.63 Passed ⁶	Ratio: 4.11 AA 18pt ²	Ratio: 1.69 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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