

Converting Colors - WCAG Matrix

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

Hex(A0B1FF) Hex(8CA1FF) Hex(BEA0FF) Hex(737580) Hex(0023BF) Hex(000C40)

	Hex(A0B1FF)	Hex(8CA1FF)	Hex(BEA0FF)	Hex(737580)	Hex(0023BF)	Hex(000C40)
Hex(A0B1FF)		Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 9.08 Passed ⁶
Hex(8CA1FF)	Ratio: 1.18 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 7.68 Passed ⁶
Hex(BEA0FF)	Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 8.58 Passed ⁶
Hex(737580)	Ratio: 2.23 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 4.07 AA 18pt ²
Hex(0023BF)	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 4.34 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 2.30 Failed ⁵		Ratio: 1.77 Failed ⁵
Hex(000C40)	Ratio: 9.08 Passed ⁶	Ratio: 7.68 Passed ⁶	Ratio: 8.58 Passed ⁶	Ratio: 4.07 AA 18pt ²	Ratio: 1.77 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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