

Converting Colors - WCAG Matrix

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

Hex(8AF5FF) Hex(73F2FF) Hex(8ABAFF) Hex(737D80) Hex(00B0BF) Hex(003B40)

	Hex(8AF5FF)	Hex(73F2FF)	Hex(8ABAFF)	Hex(737D80)	Hex(00B0BF)	Hex(003B40)
Hex(8AF5FF)		Ratio: 1.04 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 9.76 Passed ⁶
Hex(73F2FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 9.34 Passed ⁶
Hex(8ABAFF)	Ratio: 1.57 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(737D80)	Ratio: 3.33 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 2.12 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(00B0BF)	Ratio: 2.08 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(003B40)	Ratio: 9.76 Passed ⁶	Ratio: 9.34 Passed ⁶	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 2.93 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	

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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