

Converting Colors - WCAG Matrix

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

Hex(8EE4FF) Hex(78DFFF) Hex(8EACFF) Hex(737C80) Hex(0092BF) Hex(003140)

	Hex(8EE4FF)	Hex(78DFFF)	Hex(8EACFF)	Hex(737C80)	Hex(0092BF)	Hex(003140)
Hex(8EE4FF)		Ratio: 1.06 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 9.71 Passed ⁶
Hex(78DFFF)	Ratio: 1.06 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 9.12 Passed ⁶
Hex(8EACFF)	Ratio: 1.55 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 6.27 AA ¹ AAA 18pt ⁴
Hex(737C80)	Ratio: 2.98 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(0092BF)	Ratio: 2.51 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.87 AA 18pt ²
Hex(003140)	Ratio: 9.71 Passed ⁶	Ratio: 9.12 Passed ⁶	Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 3.25 AA 18pt ²	Ratio: 3.87 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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