

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(EAFAFF) Hex(E6F9FF) Hex(EAF0FF) Hex(737D80) Hex(0095BF) Hex(003240)

Hex(EAFAFF)		Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 12.82 Passed ⁶
Hex(E6F9FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 12.65 Passed ⁶
Hex(EAF0FF)	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.70 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 12.03 Passed ⁶
Hex(737D80)	Ratio: 3.94 AA 18pt ²	Ratio: 3.89 AA 18pt ²	Ratio: 3.70 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(0095BF)	Ratio: 3.24 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 3.95 AA 18pt ²
Hex(003240)	Ratio: 12.82 Passed ⁶	Ratio: 12.65 Passed ⁶	Ratio: 12.03 Passed ⁶	Ratio: 3.25 AA 18pt ²	Ratio: 3.95 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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