

Converting Colors - WCAG Matrix

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

Hex(E3F6FF) Hex(DEF5FF) Hex(E3E9FF) Hex(737C80) Hex(0084BF) Hex(002C40)

	Hex(E3F6FF)	Hex(DEF5FF)	Hex(E3E9FF)	Hex(737C80)	Hex(0084BF)	Hex(002C40)
Hex(E3F6FF)		Ratio: 1.02 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 13.17 Passed ⁶
Hex(DEF5FF)	Ratio: 1.02 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 12.97 Passed ⁶
Hex(E3E9FF)	Ratio: 1.09 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.53 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 12.11 Passed ⁶
Hex(737C80)	Ratio: 3.84 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 3.53 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(0084BF)	Ratio: 3.74 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 3.52 AA 18pt ²
Hex(002C40)	Ratio: 13.17 Passed ⁶	Ratio: 12.97 Passed ⁶	Ratio: 12.11 Passed ⁶	Ratio: 3.43 AA 18pt ²	Ratio: 3.52 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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