

Converting Colors - WCAG Matrix

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

Hex(AEEBFE) Hex(9EE8FF) Hex(AEC3FE) Hex(737D80) Hex(0092BF) Hex(003140)

	Hex(AEEBFE)	Hex(9EE8FF)	Hex(AEC3FE)	Hex(737D80)	Hex(0092BF)	Hex(003140)
Hex(AEEBFE)		Ratio: 1.04 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 10.65 Passed ⁶
Hex(9EE8FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 10.20 Passed ⁶
Hex(AEC3FE)	Ratio: 1.34 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 7.95 Passed ⁶
Hex(737D80)	Ratio: 3.24 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.42 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(0092BF)	Ratio: 2.75 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 3.87 AA 18pt ²
Hex(003140)	Ratio: 10.65 Passed ⁶	Ratio: 10.20 Passed ⁶	Ratio: 7.95 Passed ⁶	Ratio: 3.29 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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