

Converting Colors - WCAG Matrix

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

Hex(1AEDFC) Hex(00EEFF) Hex(1A80FC) Hex(707C7D) Hex(00B0BD) Hex(00393D)

	Hex(1AEDFC)	Hex(00EEFF)	Hex(1A80FC)	Hex(707C7D)	Hex(00B0BD)	Hex(00393D)
Hex(1AEDFC)		Ratio: 1.01 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 8.81 Passed ⁶
Hex(00EEFF)	Ratio: 1.01 Failed ⁵		Ratio: 2.65 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 8.88 Passed ⁶
Hex(1A80FC)	Ratio: 2.63 Failed ⁵	Ratio: 2.65 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(707C7D)	Ratio: 2.99 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(00B0BD)	Ratio: 1.83 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(00393D)	Ratio: 8.81 Passed ⁶	Ratio: 8.88 Passed ⁶	Ratio: 3.35 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 4.81 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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