

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(26EAFf) Hex(00E6Ff) Hex(2681Ff) Hex(737E80) Hex(00ACBF) Hex(003940)

Hex(26EAFf)		Ratio: 1.04 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 8.62 Passed ⁶
Hex(00E6Ff)	Ratio: 1.04 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 8.29 Passed ⁶
Hex(2681Ff)	Ratio: 2.52 Failed ⁵	Ratio: 2.43 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(737E80)	Ratio: 2.84 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(00ACBF)	Ratio: 1.87 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(003940)	Ratio: 8.62 Passed ⁶	Ratio: 8.29 Passed ⁶	Ratio: 3.42 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 4.61 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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