

Converting Colors - WCAG Matrix

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

Hex(54CFE0) Hex(40E8FF) Hex(548AE0) Hex(656F70) Hex(009BB0) Hex(002B30)

	Hex(54CFE0)	Hex(40E8FF)	Hex(548AE0)	Hex(656F70)	Hex(009BB0)	Hex(002B30)
Hex(54CFE0)		Ratio: 1.25 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 8.20 Passed ⁶
Hex(40E8FF)	Ratio: 1.25 Failed ⁵		Ratio: 2.33 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 10.23 Passed ⁶
Hex(548AE0)	Ratio: 1.87 Failed ⁵	Ratio: 2.33 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.39 AA 18pt ²
Hex(656F70)	Ratio: 2.80 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.50 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(009BB0)	Ratio: 1.80 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(002B30)	Ratio: 8.20 Passed ⁶	Ratio: 10.23 Passed ⁶	Ratio: 4.39 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 4.55 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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