

Converting Colors - WCAG Matrix

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

Hex(6AC5E6) Hex(59D4FF) Hex(6A89E6) Hex(677073) Hex(0084B3) Hex(002633)

	Hex(6AC5E6)	Hex(59D4FF)	Hex(6A89E6)	Hex(677073)	Hex(0084B3)	Hex(002633)
Hex(6AC5E6)		Ratio: 1.14 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 8.11 Passed ⁶
Hex(59D4FF)	Ratio: 1.14 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 9.27 Passed ⁶
Hex(6A89E6)	Ratio: 1.70 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(677073)	Ratio: 2.59 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(0084B3)	Ratio: 2.17 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.74 AA 18pt ²
Hex(002633)	Ratio: 8.11 Passed ⁶	Ratio: 9.27 Passed ⁶	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 3.13 AA 18pt ²	Ratio: 3.74 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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