

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(88CBE1) Hex(85E0FF) Hex(889EE1) Hex(656D70) Hex(0084B0) Hex(002430)

	Hex(88CBE1)	Hex(85E0FF)	Hex(889EE1)	Hex(656D70)	Hex(0084B0)	Hex(002430)
Hex(88CBE1)		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 9.02 Passed ⁶
Hex(85E0FF)	Ratio: 1.21 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 10.89 Passed ⁶
Hex(889EE1)	Ratio: 1.46 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 6.20 AA ¹ AAA 18pt ⁴
Hex(656D70)	Ratio: 2.94 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.02 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(0084B0)	Ratio: 2.37 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.80 AA 18pt ²
Hex(002430)	Ratio: 9.02 Passed ⁶	Ratio: 10.89 Passed ⁶	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 3.80 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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