

Converting Colors - WCAG Matrix

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

Hex(63B8C7) Hex(66E8FF) Hex(6386C7) Hex(5A6263) Hex(008BA3) Hex(001E24)

	Hex(63B8C7)	Hex(66E8FF)	Hex(6386C7)	Hex(5A6263)	Hex(008BA3)	Hex(001E24)
Hex(63B8C7)		Ratio: 1.58 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 7.61 Passed ⁶
Hex(66E8FF)	Ratio: 1.58 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 4.33 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 12.01 Passed ⁶
Hex(6386C7)	Ratio: 1.60 Failed ⁵	Ratio: 2.52 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴
Hex(5A6263)	Ratio: 2.74 Failed ⁵	Ratio: 4.33 AA 18pt ²	Ratio: 1.71 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(008BA3)	Ratio: 1.76 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 4.31 AA 18pt ²
Hex(001E24)	Ratio: 7.61 Passed ⁶	Ratio: 12.01 Passed ⁶	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 2.78 Failed ⁵	Ratio: 4.31 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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