

Converting Colors - WCAG Matrix

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

Hex(65B2BF) Hex(6EE5FA) Hex(6586BF) Hex(575F61) Hex(0089A1) Hex(001C21)

	Hex(65B2BF)	Hex(6EE5FA)	Hex(6586BF)	Hex(575F61)	Hex(0089A1)	Hex(001C21)
Hex(65B2BF)		Ratio: 1.64 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 7.30 Passed ⁶
Hex(6EE5FA)	Ratio: 1.64 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 12.00 Passed ⁶
Hex(6586BF)	Ratio: 1.52 Failed ⁵	Ratio: 2.49 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(575F61)	Ratio: 2.70 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 1.78 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(0089A1)	Ratio: 1.70 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 4.29 AA 18pt ²
Hex(001C21)	Ratio: 7.30 Passed ⁶	Ratio: 12.00 Passed ⁶	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.71 Failed ⁵	Ratio: 4.29 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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