

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(56C7DD) Hex(45E1FF) Hex(5685DD) Hex(636C6E) Hex(0092AD) Hex(00272E)

	Hex(56C7DD)	Hex(45E1FF)	Hex(5685DD)	Hex(636C6E)	Hex(0092AD)	Hex(00272E)
Hex(56C7DD)		Ratio: 1.27 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 7.98 Passed ⁶
Hex(45E1FF)	Ratio: 1.27 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 10.13 Passed ⁶
Hex(5685DD)	Ratio: 1.83 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.36 AA 18pt ²
Hex(636C6E)	Ratio: 2.72 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.49 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(0092AD)	Ratio: 1.86 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 4.30 AA 18pt ²
Hex(00272E)	Ratio: 7.98 Passed ⁶	Ratio: 10.13 Passed ⁶	Ratio: 4.36 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 4.30 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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