

Converting Colors - WCAG Matrix

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

Hex(9CCEE2) Hex(A1E4FF) Hex(9CABE2) Hex(656D70) Hex(007EB0) Hex(002330)

	Hex(9CCEE2)	Hex(A1E4FF)	Hex(9CABE2)	Hex(656D70)	Hex(007EB0)	Hex(002330)
Hex(9CCEE2)		Ratio: 1.22 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 9.62 Passed ⁶
Hex(A1E4FF)	Ratio: 1.22 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 11.74 Passed ⁶
Hex(9CABE2)	Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 7.28 Passed ⁶
Hex(656D70)	Ratio: 3.10 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 2.35 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(007EB0)	Ratio: 2.68 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.59 AA 18pt ²
Hex(002330)	Ratio: 9.62 Passed ⁶	Ratio: 11.74 Passed ⁶	Ratio: 7.28 Passed ⁶	Ratio: 3.10 AA 18pt ²	Ratio: 3.59 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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