

Converting Colors - WCAG Matrix

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

Hex(98CCD6) Hex(A6F1FF) Hex(98AED6) Hex(60696B) Hex(0090AB) Hex(00242B)

	Hex(98CCD6)	Hex(A6F1FF)	Hex(98AED6)	Hex(60696B)	Hex(0090AB)	Hex(00242B)
Hex(98CCD6)		Ratio: 1.39 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 9.28 Passed ⁶
Hex(A6F1FF)	Ratio: 1.39 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 12.93 Passed ⁶
Hex(98AED6)	Ratio: 1.28 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 7.27 Passed ⁶
Hex(60696B)	Ratio: 3.20 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 2.51 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(0090AB)	Ratio: 2.14 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 4.33 AA 18pt ²
Hex(00242B)	Ratio: 9.28 Passed ⁶	Ratio: 12.93 Passed ⁶	Ratio: 7.27 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 4.33 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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