

Converting Colors - WCAG Matrix

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

Hex(4C96A1) Hex(FFFFFF) Hex(83CCD8) Hex(9FE9F4) Hex(BCFFFF) Hex(D8FFFF) Hex(F6FFFF)

	Hex(4C96A1)	Hex(FFFFFF)	Hex(83CCD8)	Hex(9FE9F4)	Hex(BCFFFF)	Hex(D8FFFF)	Hex(F6FFFF)
Hex(4C96A1)		Ratio: 3.40 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 3.34 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.40 AA 18pt ²		Ratio: 1.81 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(83CCD8)	Ratio: 1.87 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(9FE9F4)	Ratio: 2.50 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(BCFFFF)	Ratio: 3.05 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(D8FFFF)	Ratio: 3.18 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F6FFFF)	Ratio: 3.34 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵	

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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