

Converting Colors - WCAG Matrix

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

Hex(5AC2FD) Hex(FFFFFF) Hex(9AFAFF) Hex(B8FFFF) Hex(D7FFFF) Hex(F6FFFF)

	Hex(5AC2FD)	Hex(FFFFFF)	Hex(9AFAFF)	Hex(B8FFFF)	Hex(D7FFFF)	Hex(F6FFFF)
Hex(5AC2FD)		Ratio: 1.99 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(FFFFFF)	Ratio: 1.99 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(9AFAFF)	Ratio: 1.65 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(B8FFFF)	Ratio: 1.78 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D7FFFF)	Ratio: 1.86 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F6FFFF)	Ratio: 1.96 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.10 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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