

Converting Colors - WCAG Matrix

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

	Hex(5AD3E6)	Hex(7AF2FF)	Hex(99FFFF)	Hex(B7FFFF)	Hex(D5FFFF)	Hex(F4FFFD)	Hex(FFFFFF)
Hex(5AD3E6)		Ratio: 1.34 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(7AF2FF)	Ratio: 1.34 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(99FFFF)	Ratio: 1.52 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(B7FFFF)	Ratio: 1.58 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(D5FFFF)	Ratio: 1.65 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(F4FFFD)	Ratio: 1.73 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFF)	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 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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