

Converting Colors - WCAG Matrix

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

	Hex(19C8FF)	Hex(FFFFFF)	Hex(77FFFF)	Hex(99FFFF)	Hex(B9FFFF)	Hex(D9FFFF)	Hex(F9FFFF)
Hex(19C8FF)		Ratio: 1.95 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(FFFFFF)	Ratio: 1.95 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(77FFFF)	Ratio: 1.63 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(99FFFF)	Ratio: 1.68 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(B9FFFF)	Ratio: 1.75 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D9FFFF)	Ratio: 1.83 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F9FFFF)	Ratio: 1.93 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 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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