

Converting Colors - WCAG Matrix

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

	Hex(138DAF)	Hex(FFFFFF)	Hex(61C3E7)	Hex(80DFFF)	Hex(9DFBFF)	Hex(BBFFFF)	Hex(D9FFFF)	Hex(F7FFFF)
Hex(138DAF)		Ratio: 3.85 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 3.79 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.85 AA 18pt ²		Ratio: 2.01 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(61C3E7)	Ratio: 1.92 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(80DFFF)	Ratio: 2.55 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(9DFBFF)	Ratio: 3.24 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(BBFFFF)	Ratio: 3.46 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D9FFFF)	Ratio: 3.61 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F7FFFF)	Ratio: 3.79 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.17 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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