

Converting Colors - WCAG Matrix

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

	Hex(1C8D89)	Hex(FFFFFF)	Hex(5FC3BE)	Hex(7CDFDA)	Hex(98FCF6)	Hex(B5FFFF)	Hex(D3FFFF)	Hex(F0FFFF)
Hex(1C8D89)		Ratio: 4.02 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 3.92 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.02 AA 18pt ²		Ratio: 2.09 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(5FC3BE)	Ratio: 1.92 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(7CDFDA)	Ratio: 2.57 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(98FCF6)	Ratio: 3.37 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(B5FFFF)	Ratio: 3.58 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(D3FFFF)	Ratio: 3.74 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F0FFFF)	Ratio: 3.92 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 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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