

Converting Colors - WCAG Matrix

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

	Hex(489C8F)	Hex(FFFFFF)	Hex(7FD3C5)	Hex(9BEFE1)	Hex(B8FFFD)	Hex(D4FFFF)	Hex(F2FFFF)
Hex(489C8F)		Ratio: 3.27 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.19 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.27 AA 18pt ²		Ratio: 1.75 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(7FD3C5)	Ratio: 1.87 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(9BEFE1)	Ratio: 2.46 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(B8FFFD)	Ratio: 2.92 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(D4FFFF)	Ratio: 3.04 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F2FFFF)	Ratio: 3.19 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 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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