

Converting Colors - WCAG Matrix

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

Hex(6299A8) Hex(FFFFFF) Hex(97D0DF) Hex(B3ECFC) Hex(D0FFFF) Hex(ECFFFF)

	Hex(6299A8)	Hex(FFFFFF)	Hex(97D0DF)	Hex(B3ECFC)	Hex(D0FFFF)	Hex(ECFFFF)
Hex(6299A8)		Ratio: 3.16 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.16 AA 18pt ²		Ratio: 1.69 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(97D0DF)	Ratio: 1.87 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(B3ECFC)	Ratio: 2.46 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(D0FFFF)	Ratio: 2.93 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(ECFFFF)	Ratio: 3.06 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.24 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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