

Converting Colors - WCAG Matrix

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

	Hex(3297A4)	Hex(FFFFFF)	Hex(70CDD8)	Hex(8DE9F7)	Hex(AAFFFF)	Hex(C7FFFF)	Hex(E5FFFF)
Hex(3297A4)		Ratio: 3.44 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 3.29 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.44 AA 18pt ²		Ratio: 1.83 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(70CDD8)	Ratio: 1.88 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(8DE9F7)	Ratio: 2.48 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(AAFFFF)	Ratio: 3.03 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(C7FFFF)	Ratio: 3.14 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E5FFFF)	Ratio: 3.29 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.33 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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