

Converting Colors - WCAG Matrix

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

Hex(3C8997) Hex(C1FFFF) Hex(75BECE) Hex(90DAEA) Hex(ADF7FF)

Hex(3C8997)		Ratio: 3.64 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(C1FFFF)	Ratio: 3.64 AA 18pt ²		Ratio: 1.90 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(75BECE)	Ratio: 1.92 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(90DAEA)	Ratio: 2.57 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(ADF7FF)	Ratio: 3.36 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 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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