

Converting Colors - WCAG Matrix

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

Hex(9079AE) Hex(FFFFFF) Hex(C6AEE6) Hex(E3C9FF) Hex(FFE5FF)

	Hex(9079AE)	Hex(FFFFFF)	Hex(C6AEE6)	Hex(E3C9FF)	Hex(FFE5FF)
Hex(9079AE)		Ratio: 3.80 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.80 AA 18pt ²		Ratio: 1.98 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(C6AEE6)	Ratio: 1.92 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(E3C9FF)	Ratio: 2.54 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(FFE5FF)	Ratio: 3.24 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.27 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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