

Converting Colors - WCAG Matrix

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

Hex(9184D4) Hex(FFFFFF) Hex(C9B9FF) Hex(E5D5FF) Hex(FFF1FF)

	Hex(9184D4)	Hex(FFFFFF)	Hex(C9B9FF)	Hex(E5D5FF)	Hex(FFF1FF)
Hex(9184D4)		Ratio: 3.25 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(FFFFFF)	Ratio: 3.25 AA 18pt ²		Ratio: 1.77 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(C9B9FF)	Ratio: 1.84 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(E5D5FF)	Ratio: 2.37 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.26 Failed ⁵
Hex(FFF1FF)	Ratio: 2.99 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.26 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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