

Converting Colors - WCAG Matrix

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

Hex(9575AE) Hex(FFFFFF) Hex(CCA9E6) Hex(E8C5FF) Hex(FFE1FF) Hex(FFFEFF)

	Hex(9575AE)	Hex(FFFFFF)	Hex(CCA9E6)	Hex(E8C5FF)	Hex(FFE1FF)	Hex(FFFEFF)
Hex(9575AE)		Ratio: 3.86 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.84 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.86 AA 18pt ²		Ratio: 2.02 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(CCA9E6)	Ratio: 1.91 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(E8C5FF)	Ratio: 2.55 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(FFE1FF)	Ratio: 3.21 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFEFF)	Ratio: 3.84 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.20 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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