

Converting Colors - WCAG Matrix

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

Hex(997FAD) Hex(B499C8) Hex(D0B4E5) Hex(ECD0FF) Hex(FFECFF) Hex(FFFFFF)

	Hex(997FAD)	Hex(B499C8)	Hex(D0B4E5)	Hex(ECD0FF)	Hex(FFECFF)	Hex(FFFFFF)
Hex(997FAD)		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.50 AA 18pt ²
Hex(B499C8)	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(D0B4E5)	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(ECD0FF)	Ratio: 2.51 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(FFECFF)	Ratio: 3.12 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(FFFFFF)	Ratio: 3.50 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.12 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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