

Converting Colors - WCAG Matrix

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

Hex(9B82A4) Hex(FFFFFF) Hex(D2B7DB) Hex(EED3F8) Hex(FFEFFF)

	Hex(9B82A4)	Hex(FFFFFF)	Hex(D2B7DB)	Hex(EED3F8)	Hex(FFEFFF)
Hex(9B82A4)		Ratio: 3.43 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.43 AA 18pt ²		Ratio: 1.82 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D2B7DB)	Ratio: 1.88 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(EED3F8)	Ratio: 2.50 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(FFEFFF)	Ratio: 3.11 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.24 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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