

Converting Colors - WCAG Matrix

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

Hex(867997) Hex(A093B2) Hex(BBADCD) Hex(D7C9E9) Hex(F4E5FF) Hex(FFFFFF)

	Hex(867997)	Hex(A093B2)	Hex(BBADCD)	Hex(D7C9E9)	Hex(F4E5FF)	Hex(FFFFFF)
Hex(867997)		Ratio: 1.41 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 4.04 AA 18pt ²
Hex(A093B2)	Ratio: 1.41 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(BBADCD)	Ratio: 1.92 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(D7C9E9)	Ratio: 2.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(F4E5FF)	Ratio: 3.37 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFFFF)	Ratio: 4.04 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.56 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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