

Converting Colors - WCAG Matrix

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

Hex(AF839F) Hex(FFFFFF) Hex(E7B8D5) Hex(FFD4F2) Hex(FFF0FF)

	Hex(AF839F)	Hex(FFFFFF)	Hex(E7B8D5)	Hex(FFD4F2)	Hex(FFF0FF)
Hex(AF839F)		Ratio: 3.20 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(FFFFFF)	Ratio: 3.20 AA 18pt ²		Ratio: 1.72 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(E7B8D5)	Ratio: 1.86 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(FFD4F2)	Ratio: 2.43 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF0FF)	Ratio: 2.92 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.57 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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