

Converting Colors - WCAG Matrix

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

Hex(AF838B) Hex(FFFFFF) Hex(E7B8C0) Hex(FFD4DC) Hex(FFF0F9)

	Hex(AF838B)	Hex(FFFFFF)	Hex(E7B8C0)	Hex(FFD4DC)	Hex(FFF0F9)
Hex(AF838B)		Ratio: 3.26 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(FFFFFF)	Ratio: 3.26 AA 18pt ²		Ratio: 1.75 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(E7B8C0)	Ratio: 1.87 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(FFD4DC)	Ratio: 2.44 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF0F9)	Ratio: 2.96 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 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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