

Converting Colors - WCAG Matrix

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

Hex(8A7C87) Hex(FFFFFF) Hex(BFB1BC) Hex(DBCCD8) Hex(F8E8F4)

Hex(8A7C87)		Ratio: 3.95 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.95 AA 18pt ²		Ratio: 2.05 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(BFB1BC)	Ratio: 1.93 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(DBCCD8)	Ratio: 2.57 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(F8E8F4)	Ratio: 3.36 AA 18pt ²	Ratio: 1.18 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 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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