

Converting Colors - WCAG Matrix

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

Hex(8F7C8A) Hex(FFFFFF) Hex(C5B1BF) Hex(E1CCDB) Hex(FDE8F8)

	Hex(8F7C8A)	Hex(FFFFFF)	Hex(C5B1BF)	Hex(E1CCDB)	Hex(FDE8F8)
Hex(8F7C8A)		Ratio: 3.88 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.88 AA 18pt ²		Ratio: 2.02 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(C5B1BF)	Ratio: 1.92 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(E1CCDB)	Ratio: 2.56 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FDE8F8)	Ratio: 3.34 AA 18pt ²	Ratio: 1.16 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 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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