

Converting Colors - WCAG Matrix

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

Hex(6F887F) Hex(FFFFFF) Hex(A3BDB4) Hex(BED9CF) Hex(DAF6EB) Hex(F7FFFF)

	Hex(6F887F)	Hex(FFFFFF)	Hex(A3BDB4)	Hex(BED9CF)	Hex(DAF6EB)	Hex(F7FFFF)
Hex(6F887F)		Ratio: 3.82 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.76 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.82 AA 18pt ²		Ratio: 2.00 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(A3BDB4)	Ratio: 1.91 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(BED9CF)	Ratio: 2.55 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(DAF6EB)	Ratio: 3.34 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(F7FFFF)	Ratio: 3.76 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.13 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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