

Converting Colors - WCAG Matrix

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

Hex(6F8778) Hex(FFFFFF) Hex(A3BCAC) Hex(BED8C7) Hex(DAF5E3) Hex(F6FFFF)

	Hex(6F8778)	Hex(FFFFFF)	Hex(A3BCAC)	Hex(BED8C7)	Hex(DAF5E3)	Hex(F6FFFF)
Hex(6F8778)		Ratio: 3.88 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.82 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.88 AA 18pt ²		Ratio: 2.03 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(A3BCAC)	Ratio: 1.91 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(BED8C7)	Ratio: 2.56 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(DAF5E3)	Ratio: 3.35 AA 18pt ²	Ratio: 1.16 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(F6FFFF)	Ratio: 3.82 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.14 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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