

Converting Colors - WCAG Matrix

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

Hex(69888A) Hex(FFFFFF) Hex(9DBDBF) Hex(B8D9DB) Hex(D4F6F8) Hex(F1FFFF)

	Hex(69888A)	Hex(FFFFFF)	Hex(9DBDBF)	Hex(B8D9DB)	Hex(D4F6F8)	Hex(F1FFFF)
Hex(69888A)		Ratio: 3.83 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.73 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.83 AA 18pt ²		Ratio: 2.01 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(9DBDBF)	Ratio: 1.91 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(B8D9DB)	Ratio: 2.55 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(D4F6F8)	Ratio: 3.34 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(F1FFFF)	Ratio: 3.73 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.12 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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