

Converting Colors - WCAG Matrix

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

Hex(56848C) Hex(FFFFFF) Hex(8AB9C2) Hex(A5D5DD) Hex(C1F1FA) Hex(DDFFFF) Hex(FAFFFF)

	Hex(56848C)	Hex(FFFFFF)	Hex(8AB9C2)	Hex(A5D5DD)	Hex(C1F1FA)	Hex(DDFFFF)	Hex(FAFFFF)
Hex(56848C)		Ratio: 4.14 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 4.10 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.14 AA 18pt ²		Ratio: 2.14 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(8AB9C2)	Ratio: 1.93 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(A5D5DD)	Ratio: 2.59 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(C1F1FA)	Ratio: 3.40 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(DDFFFF)	Ratio: 3.91 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FAFFFF)	Ratio: 4.10 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.05 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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