

Converting Colors - WCAG Matrix

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

	Hex(6BACB1)	Hex(86C7CC)	Hex(A2E4E9)	Hex(BEFFFF)	Hex(DAFFFF)	Hex(F7FFFF)	Hex(FFFFFF)
Hex(6BACB1)		Ratio: 1.35 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(86C7CC)	Ratio: 1.35 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(A2E4E9)	Ratio: 1.81 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(BEFFFF)	Ratio: 2.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(DAFFFF)	Ratio: 2.42 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(F7FFFF)	Ratio: 2.54 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 2.57 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 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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