

Converting Colors - WCAG Matrix

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

Hex(4E7794) Hex(FFFFFF) Hex(83ABCA) Hex(9EC6E6) Hex(BAE2FF) Hex(D6FFFF) Hex(F3FFFF)

	Hex(4E7794)	Hex(FFFFFF)	Hex(83ABCA)	Hex(9EC6E6)	Hex(BAE2FF)	Hex(D6FFFF)	Hex(F3FFFF)
Hex(4E7794)	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.47 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	
Hex(FFFFFF)	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 2.43 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵	
Hex(83ABCA)	Ratio: 1.97 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.38 Failed ⁵	
Hex(9EC6E6)	Ratio: 2.66 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.76 Failed ⁵	
Hex(BAE2FF)	Ratio: 3.51 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.33 Failed ⁵	
Hex(D6FFFF)	Ratio: 4.47 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.05 Failed ⁵	
Hex(F3FFFF)	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.33 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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