

Converting Colors - WCAG Matrix

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

Hex(608686) Hex(FFFFFF) Hex(94BBBB) Hex(AFD7D7) Hex(CBF3F3) Hex(E7FFFF)

	Hex(608686)	Hex(FFFFFF)	Hex(94BBBB)	Hex(AFD7D7)	Hex(CBF3F3)	Hex(E7FFFF)
Hex(608686)		Ratio: 4.00 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.84 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.00 AA 18pt ²		Ratio: 2.08 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(94BBBB)	Ratio: 1.92 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(AFD7D7)	Ratio: 2.58 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(CBF3F3)	Ratio: 3.36 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(E7FFFF)	Ratio: 3.84 AA 18pt ²	Ratio: 1.04 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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