

Converting Colors - WCAG Matrix

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

Hex(638671) Hex(FFFFFF) Hex(96BBA5) Hex(B1D7C0) Hex(CDF4DC) Hex(E9FFF8)

	Hex(638671)	Hex(FFFFFF)	Hex(96BBA5)	Hex(B1D7C0)	Hex(CDF4DC)	Hex(E9FFF8)
Hex(638671)		Ratio: 4.05 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 3.89 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.05 AA 18pt ²		Ratio: 2.11 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(96BBA5)	Ratio: 1.92 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(B1D7C0)	Ratio: 2.58 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(CDF4DC)	Ratio: 3.39 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(E9FFF8)	Ratio: 3.89 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.15 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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