

Converting Colors - WCAG Matrix

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

	Hex(4AB785)	Hex(F9FFFF)	Hex(84F0BA)	Hex(A1FFD6)	Hex(BEFFFF)	Hex(DBFFFF)	Hex(F9FFFF)
Hex(4AB785)		Ratio: 2.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(F9FFFF)	Ratio: 2.50 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(84F0BA)	Ratio: 1.80 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(A1FFD6)	Ratio: 2.12 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(BEFFFF)	Ratio: 2.23 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(DBFFFF)	Ratio: 2.35 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F9FFFF)	Ratio: 2.47 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.11 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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