

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.								
	Hex(00A79F)	Hex(FFFFFF)	Hex(5EDFD6)	Hex(7DFCF2)	Hex(9CFFFF)	Hex(BAFFFF)	Hex(D8FFFF)	Hex(F6FFFF)
Hex(00A79F)		Ratio: 2.99 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(FFFFFF)	Ratio: 2.99 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(5EDFD6)	Ratio: 1.85 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(7DFCF2)	Ratio: 2.43 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(9CFFFF)	Ratio: 2.58 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(BAFFFF)	Ratio: 2.68 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D8FFFF)	Ratio: 2.80 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F6FFFF)	Ratio: 2.94 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 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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