

Converting Colors - WCAG Matrix

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

	Hex(0DAA82)	Hex(FFFFFF)	Hex(5FE2B8)	Hex(7EFFF2)	Hex(9CFFEF)	Hex(B9FFFF)	Hex(D7FFFF)	Hex(F6FFFD)
Hex(0DAA82)		Ratio: 2.96 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(FFFFFF)	Ratio: 2.96 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(5FE2B8)	Ratio: 1.84 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(7EFFF2)	Ratio: 2.42 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(9CFFEF)	Ratio: 2.53 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(B9FFFF)	Ratio: 2.65 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D7FFFF)	Ratio: 2.77 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F6FFFD)	Ratio: 2.91 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.15 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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