

Converting Colors - WCAG Matrix

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

	Hex(3BC4C8)	Hex(5FE0E4)	Hex(7EFDFF)	Hex(9DFFFF)	Hex(BBFFFF)	Hex(DAFFFF)	Hex(F8FFFF)	Hex(FFFFFF)
Hex(3BC4C8)		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(5FE0E4)	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(7EFDFF)	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(9DFFFF)	Ratio: 1.83 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(BBFFFF)	Ratio: 1.90 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(DAFFFF)	Ratio: 1.99 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(F8FFFF)	Ratio: 2.09 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 2.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 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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