

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.							
	Hex(5CABAB)	Hex(78C6C6)	Hex(93E3E2)	Hex(B0FFFF)	Hex(CCFFFF)	Hex(E9FFFF)	Hex(FFFFFF)
Hex(5CABAB)		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(78C6C6)	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(93E3E2)	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(B0FFFF)	Ratio: 2.36 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(CCFFFF)	Ratio: 2.45 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(E9FFFF)	Ratio: 2.57 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 2.67 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 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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