

Converting Colors - WCAG Matrix

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

Hex(00AFC0) Hex(FFFFFF) Hex(64E7F8) Hex(84FFFF) Hex(A3FFFF) Hex(C2FFFF) Hex(E1FFFF)

	Hex(00AFC0)	Hex(FFFFFF)	Hex(64E7F8)	Hex(84FFFF)	Hex(A3FFFF)	Hex(C2FFFF)	Hex(E1FFFF)
Hex(00AFC0)		Ratio: 2.66 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(FFFFFF)	Ratio: 2.66 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(64E7F8)	Ratio: 1.82 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(84FFFF)	Ratio: 2.25 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(A3FFFF)	Ratio: 2.32 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(C2FFFF)	Ratio: 2.41 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E1FFFF)	Ratio: 2.53 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.09 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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