

Converting Colors - WCAG Matrix

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

	Hex(4890B7)	Hex(65AAD3)	Hex(82C6EF)	Hex(9EE2FF)	Hex(BBFEEF)	Hex(D8FFFF)	Hex(F6FFFF)	Hex(FFFFFF)
Hex(4890B7)		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 3.53 AA 18pt ²
Hex(65AAD3)	Ratio: 1.39 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(82C6EF)	Ratio: 1.90 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(9EE2FF)	Ratio: 2.48 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(BBFEEF)	Ratio: 3.15 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(D8FFFF)	Ratio: 3.31 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(F6FFFF)	Ratio: 3.47 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFF)	Ratio: 3.53 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 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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