

Converting Colors - WCAG Matrix

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

	Hex(2C696E)	Hex(FFFFFF)	Hex(619CA2)	Hex(7CB7BD)	Hex(97D3D8)	Hex(B2EFF5)	Hex(CFFFFFF)	Hex(ECFFFF)
Hex(2C696E)		Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.26 AA ¹ AAA 18pt ⁴		Ratio: 3.09 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(619CA2)	Ratio: 2.02 Failed ⁵	Ratio: 3.09 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(7CB7BD)	Ratio: 2.79 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(97D3D8)	Ratio: 3.77 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(B2EFF5)	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(CFFFFFF)	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(ECFFFF)	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.23 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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