

Converting Colors - WCAG Matrix

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

	Hex(466E64)	Hex(FFFFFF)	Hex(78A297)	Hex(92BDB1)	Hex(ADD9CD)	Hex(C9F5E9)	Hex(E5FFFF)
Hex(466E64)		Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 5.46 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.71 AA ¹ AAA 18pt ⁴		Ratio: 2.83 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(78A297)	Ratio: 2.02 Failed ⁵	Ratio: 2.83 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(92BDB1)	Ratio: 2.76 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(ADD9CD)	Ratio: 3.70 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(C9F5E9)	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(E5FFFF)	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.13 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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