

Converting Colors - WCAG Matrix

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

	Hex(028860)	Hex(FFFFFF)	Hex(52BE92)	Hex(6FDAAD)	Hex(8CF7C8)	Hex(A8FFE4)	Hex(C5FFFF)	Hex(E3FFFF)
Hex(028860)		Ratio: 4.47 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 4.26 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.47 AA 18pt ²		Ratio: 2.30 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(52BE92)	Ratio: 1.95 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(6FDAAD)	Ratio: 2.62 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(8CF7C8)	Ratio: 3.46 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(A8FFE4)	Ratio: 3.85 AA 18pt ²	Ratio: 1.16 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(C5FFFF)	Ratio: 4.07 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E3FFFF)	Ratio: 4.26 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 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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