

Converting Colors - WCAG Matrix

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

	Hex(329B78)	Hex(FFFFFF)	Hex(6DD2AC)	Hex(89EFC8)	Hex(A6FFE4)	Hex(C3FFFF)	Hex(E0FFFF)	Hex(FEFFFF)
Hex(329B78)		Ratio: 3.45 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 3.44 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.45 AA 18pt ²		Ratio: 1.83 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(6DD2AC)	Ratio: 1.88 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(89EFC8)	Ratio: 2.50 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(A6FFE4)	Ratio: 2.96 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(C3FFFF)	Ratio: 3.13 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(E0FFFF)	Ratio: 3.27 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FEFFFF)	Ratio: 3.44 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 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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