

Converting Colors - WCAG Matrix

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

	Hex(2E899D)	Hex(FFFFFF)	Hex(6BBFD4)	Hex(88DAF0)	Hex(A4F7FF)	Hex(C1FFFF)	Hex(DFFFFFF)	Hex(FCFFFF)
Hex(2E899D)		Ratio: 4.05 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 4.03 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.05 AA 18pt ²		Ratio: 2.09 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(6BBFD4)	Ratio: 1.94 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(88DAF0)	Ratio: 2.57 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(A4F7FF)	Ratio: 3.34 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(C1FFFF)	Ratio: 3.67 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(DFFFFFF)	Ratio: 3.84 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FCFFFF)	Ratio: 4.03 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.21 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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