

Converting Colors - WCAG Matrix

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

	Hex(2C81DA)	Hex(FFFFFF)	Hex(74B5FF)	Hex(93D1FF)	Hex(B2EDFF)	Hex(D0FFFF)	Hex(EFFFFFF)
Hex(2C81DA)		Ratio: 3.99 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 3.88 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.99 AA 18pt ²		Ratio: 2.14 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(74B5FF)	Ratio: 1.86 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(93D1FF)	Ratio: 2.43 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(B2EDFF)	Ratio: 3.13 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(D0FFFF)	Ratio: 3.69 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(EFFFFFF)	Ratio: 3.88 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.24 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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