

Converting Colors - WCAG Matrix

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

	Hex(374F82)	Hex(FFFFFF)	Hex(6C80B7)	Hex(869AD3)	Hex(A2B4F0)	Hex(BED0FF)	Hex(DAECFF)	Hex(F7FFFF)
Hex(374F82)		Ratio: 8.07 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 7.95 Passed ⁶
Hex(FFFFFF)	Ratio: 8.07 Passed ⁶		Ratio: 3.88 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(6C80B7)	Ratio: 2.08 Failed ⁵	Ratio: 3.88 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.83 AA 18pt ²
Hex(869AD3)	Ratio: 2.91 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(A2B4F0)	Ratio: 3.97 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(BED0FF)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.54 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(DAECFF)	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(F7FFFF)	Ratio: 7.95 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 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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