

Converting Colors - WCAG Matrix

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

Hex(939FC4) Hex(B3C5FF) Hex(9F93C4) Hex(575A61) Hex(0027A1) Hex(000821)

	Hex(939FC4)	Hex(B3C5FF)	Hex(9F93C4)	Hex(575A61)	Hex(0027A1)	Hex(000821)
Hex(939FC4)		Ratio: 1.54 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 7.57 Passed ⁶
Hex(B3C5FF)	Ratio: 1.54 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 11.69 Passed ⁶
Hex(9F93C4)	Ratio: 1.07 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.45 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 7.05 Passed ⁶
Hex(575A61)	Ratio: 2.63 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 2.45 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(0027A1)	Ratio: 4.43 AA 18pt ²	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 4.12 AA 18pt ²	Ratio: 1.68 Failed ⁵		Ratio: 1.71 Failed ⁵
Hex(000821)	Ratio: 7.57 Passed ⁶	Ratio: 11.69 Passed ⁶	Ratio: 7.05 Passed ⁶	Ratio: 2.88 Failed ⁵	Ratio: 1.71 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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