

Converting Colors - WCAG Matrix

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

Hex(9ACEF2) Hex(8FD1FF) Hex(9AA3F2) Hex(6C7378) Hex(006CB8) Hex(002138)

	Hex(9ACEF2)	Hex(8FD1FF)	Hex(9AA3F2)	Hex(6C7378)	Hex(006CB8)	Hex(002138)
Hex(9ACEF2)		Ratio: 1.02 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 9.79 Passed ⁶
Hex(8FD1FF)	Ratio: 1.02 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 9.99 Passed ⁶
Hex(9AA3F2)	Ratio: 1.40 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 6.98 AA ¹ AAA 18pt ⁴
Hex(6C7378)	Ratio: 2.86 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(006CB8)	Ratio: 3.25 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.01 AA 18pt ²
Hex(002138)	Ratio: 9.79 Passed ⁶	Ratio: 9.99 Passed ⁶	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 3.42 AA 18pt ²	Ratio: 3.01 AA 18pt ²	

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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