

Converting Colors - WCAG Matrix

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

Hex(9EE0FF) Hex(E3F6FF) Hex(9EFFBB) Hex(6F7A80) Hex(000000) Hex(808080)

	Hex(9EE0FF)	Hex(E3F6FF)	Hex(9EFFBB)	Hex(6F7A80)	Hex(000000)	Hex(808080)
Hex(9EE0FF)		Ratio: 1.30 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 14.56 Passed ⁶	Ratio: 2.74 Failed ⁵
Hex(E3F6FF)	Ratio: 1.30 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 18.89 Passed ⁶	Ratio: 3.55 AA 18pt ²
Hex(9EFFBB)	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.66 AA 18pt ²	Ratio: 17.48 Passed ⁶	Ratio: 3.29 AA 18pt ²
Hex(6F7A80)	Ratio: 3.05 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 3.66 AA 18pt ²		Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 14.56 Passed ⁶	Ratio: 18.89 Passed ⁶	Ratio: 17.48 Passed ⁶	Ratio: 4.77 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.74 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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