

Converting Colors - WCAG Matrix

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

Hex(C699FF) Hex(EEE0FF) Hex(99D3FF) Hex(756E80) Hex(000000) Hex(808080)

	Hex(C699FF)	Hex(EEE0FF)	Hex(99D3FF)	Hex(756E80)	Hex(000000)	Hex(808080)
Hex(C699FF)		Ratio: 1.78 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 9.40 Passed ⁶	Ratio: 1.77 Failed ⁵
Hex(EEE0FF)	Ratio: 1.78 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 16.74 Passed ⁶	Ratio: 3.15 AA 18pt ²
Hex(99D3FF)	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.05 AA 18pt ²	Ratio: 13.12 Passed ⁶	Ratio: 2.47 Failed ⁵
Hex(756E80)	Ratio: 2.19 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 3.05 AA 18pt ²		Ratio: 4.30 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(000000)	Ratio: 9.40 Passed ⁶	Ratio: 16.74 Passed ⁶	Ratio: 13.12 Passed ⁶	Ratio: 4.30 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.77 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.24 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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