

Converting Colors - WCAG Matrix

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

Hex(FCAAFF) Hex(FEE6FF) Hex(AAAFFE) Hex(7F7080) Hex(000000) Hex(808080)

	Hex(FCAAFF)	Hex(FEE6FF)	Hex(AAAFFE)	Hex(7F7080)	Hex(000000)	Hex(808080)
Hex(FCAAFF)		Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 12.32 Passed ⁶	Ratio: 2.32 Failed ⁵
Hex(FEE6FF)	Ratio: 1.46 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 17.98 Passed ⁶	Ratio: 3.38 AA 18pt ²
Hex(AAAFFE)	Ratio: 1.20 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 10.27 Passed ⁶	Ratio: 1.93 Failed ⁵
Hex(7F7080)	Ratio: 2.72 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.27 Failed ⁵		Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(000000)	Ratio: 12.32 Passed ⁶	Ratio: 17.98 Passed ⁶	Ratio: 10.27 Passed ⁶	Ratio: 4.53 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.32 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 1.17 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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