

Converting Colors - WCAG Matrix

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

Hex(AF93D9) Hex(F0E6FF) Hex(93BDD9) Hex(767080) Hex(000000) Hex(808080)

	Hex(AF93D9)	Hex(F0E6FF)	Hex(93BDD9)	Hex(767080)	Hex(000000)	Hex(808080)
Hex(AF93D9)		Ratio: 2.18 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 8.00 Passed ⁶	Ratio: 1.50 Failed ⁵
Hex(F0E6FF)	Ratio: 2.18 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 17.47 Passed ⁶	Ratio: 3.29 AA 18pt ²
Hex(93BDD9)	Ratio: 1.32 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 10.52 Passed ⁶	Ratio: 1.98 Failed ⁵
Hex(767080)	Ratio: 1.82 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.39 Failed ⁵		Ratio: 4.40 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(000000)	Ratio: 8.00 Passed ⁶	Ratio: 17.47 Passed ⁶	Ratio: 10.52 Passed ⁶	Ratio: 4.40 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.50 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 1.21 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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