

Converting Colors - WCAG Matrix

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

Hex(94ACDB) Hex(E6EEFF) Hex(94DBC2) Hex(707580) Hex(000000) Hex(808080)

	Hex(94ACDB)	Hex(E6EEFF)	Hex(94DBC2)	Hex(707580)	Hex(000000)	Hex(808080)
Hex(94ACDB)		Ratio: 1.96 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 9.18 Passed ⁶	Ratio: 1.73 Failed ⁵
Hex(E6EEFF)	Ratio: 1.96 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 18.04 Passed ⁶	Ratio: 3.39 AA 18pt ²
Hex(94DBC2)	Ratio: 1.43 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 2.90 Failed ⁵	Ratio: 13.17 Passed ⁶	Ratio: 2.48 Failed ⁵
Hex(707580)	Ratio: 2.02 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.90 Failed ⁵		Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(000000)	Ratio: 9.18 Passed ⁶	Ratio: 18.04 Passed ⁶	Ratio: 13.17 Passed ⁶	Ratio: 4.55 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.73 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 2.48 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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