

Converting Colors - WCAG Matrix

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

Hex(A9B3C2) Hex(F2F7FC) Hex(A9C2B7) Hex(797C80) Hex(000000) Hex(808080)

	Hex(A9B3C2)	Hex(F2F7FC)	Hex(A9C2B7)	Hex(797C80)	Hex(000000)	Hex(808080)
Hex(A9B3C2)		Ratio: 1.97 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 9.91 Passed ⁶	Ratio: 1.86 Failed ⁵
Hex(F2F7FC)	Ratio: 1.97 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 19.49 Passed ⁶	Ratio: 3.66 AA 18pt ²
Hex(A9C2B7)	Ratio: 1.12 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 11.09 Passed ⁶	Ratio: 2.09 Failed ⁵
Hex(797C80)	Ratio: 1.98 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.21 Failed ⁵		Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 9.91 Passed ⁶	Ratio: 19.49 Passed ⁶	Ratio: 11.09 Passed ⁶	Ratio: 5.01 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.86 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 1.06 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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