

Converting Colors - WCAG Matrix

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

Hex(B396C5) Hex(F8EDFF) Hex(96A9C5) Hex(7B7580) Hex(000000) Hex(808080)

Hex(B396C5)		Ratio: 2.29 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 8.09 Passed ⁶	Ratio: 1.52 Failed ⁵
Hex(F8EDFF)	Ratio: 2.29 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 18.55 Passed ⁶	Ratio: 3.49 AA 18pt ²
Hex(96A9C5)	Ratio: 1.09 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 8.78 Passed ⁶	Ratio: 1.65 Failed ⁵
Hex(7B7580)	Ratio: 1.72 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.87 Failed ⁵		Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 8.09 Passed ⁶	Ratio: 18.55 Passed ⁶	Ratio: 8.78 Passed ⁶	Ratio: 4.70 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.52 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.65 Failed ⁵	Ratio: 1.13 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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