

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(859EBA) Hex(A0C7F2) Hex(8685BA) Hex(53575C) Hex(00499C) Hex(000D1C)

Hex(859EBA)		Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 7.07 Passed ⁶
Hex(A0C7F2)	Ratio: 1.57 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 11.12 Passed ⁶
Hex(8685BA)	Ratio: 1.25 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴
Hex(53575C)	Ratio: 2.63 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 2.11 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(00499C)	Ratio: 3.12 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.26 Failed ⁵
Hex(000D1C)	Ratio: 7.07 Passed ⁶	Ratio: 11.12 Passed ⁶	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 2.69 Failed ⁵	Ratio: 2.26 Failed ⁵	

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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