

Converting Colors - WCAG Matrix

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

Hex(8A90BA) Hex(A7B1F2) Hex(9C8ABA) Hex(53545C) Hex(00139C) Hex(00041C)

	Hex(8A90BA)	Hex(A7B1F2)	Hex(9C8ABA)	Hex(53545C)	Hex(00139C)	Hex(00041C)
Hex(8A90BA)		Ratio: 1.51 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 6.55 AA ¹ AAA 18pt ⁴
Hex(A7B1F2)	Ratio: 1.51 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 9.88 Passed ⁶
Hex(9C8ABA)	Ratio: 1.00 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 6.53 AA ¹ AAA 18pt ⁴
Hex(53545C)	Ratio: 2.43 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.42 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(00139C)	Ratio: 4.31 AA 18pt ²	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 4.30 AA 18pt ²	Ratio: 1.77 Failed ⁵		Ratio: 1.52 Failed ⁵
Hex(00041C)	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 9.88 Passed ⁶	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 2.70 Failed ⁵	Ratio: 1.52 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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