

Converting Colors - WCAG Matrix

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

Hex(A8DAF5) Hex(9EDDFF) Hex(A8B4F5) Hex(6E767A) Hex(0079BA) Hex(00263B)

	Hex(A8DAF5)	Hex(9EDDFF)	Hex(A8B4F5)	Hex(6E767A)	Hex(0079BA)	Hex(00263B)
Hex(A8DAF5)		Ratio: 1.02 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 10.45 Passed ⁶
Hex(9EDDFF)	Ratio: 1.02 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 10.62 Passed ⁶
Hex(A8B4F5)	Ratio: 1.33 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 7.84 Passed ⁶
Hex(6E767A)	Ratio: 3.09 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 2.32 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(0079BA)	Ratio: 3.15 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 3.32 AA 18pt ²
Hex(00263B)	Ratio: 10.45 Passed ⁶	Ratio: 10.62 Passed ⁶	Ratio: 7.84 Passed ⁶	Ratio: 3.38 AA 18pt ²	Ratio: 3.32 AA 18pt ²	

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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