

Converting Colors - WCAG Matrix

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

Hex(9683C7) Hex(B496FF) Hex(B783C7) Hex(5C5A63) Hex(2E00A3) Hex(0A0024)

	Hex(9683C7)	Hex(B496FF)	Hex(B783C7)	Hex(5C5A63)	Hex(2E00A3)	Hex(0A0024)
Hex(9683C7)		Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 6.13 AA ¹ AAA 18pt ⁴
Hex(B496FF)	Ratio: 1.37 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 8.42 Passed ⁶
Hex(B783C7)	Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 6.82 AA ¹ AAA 18pt ⁴
Hex(5C5A63)	Ratio: 2.06 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(2E00A3)	Ratio: 3.87 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 4.31 AA 18pt ²	Ratio: 1.88 Failed ⁵		Ratio: 1.58 Failed ⁵
Hex(0A0024)	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 8.42 Passed ⁶	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 2.98 Failed ⁵	Ratio: 1.58 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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