

Converting Colors - WCAG Matrix

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

Hex(9381C2) Hex(B397FC) Hex(B381C2) Hex(5A5761) Hex(2C00A1) Hex(090021)

	Hex(9381C2)	Hex(B397FC)	Hex(B381C2)	Hex(5A5761)	Hex(2C00A1)	Hex(090021)
Hex(9381C2)		Ratio: 1.42 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 5.96 AA ¹ AAA 18pt ⁴
Hex(B397FC)	Ratio: 1.42 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 8.46 Passed ⁶
Hex(B381C2)	Ratio: 1.11 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 6.61 AA ¹ AAA 18pt ⁴
Hex(5A5761)	Ratio: 2.07 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(2C00A1)	Ratio: 3.80 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 4.21 AA 18pt ²	Ratio: 1.83 Failed ⁵		Ratio: 1.57 Failed ⁵
Hex(090021)	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 8.46 Passed ⁶	Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 2.87 Failed ⁵	Ratio: 1.57 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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