

Converting Colors - WCAG Matrix

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

Hex(846DBF) Hex(9B77F7) Hex(AC6DBF) Hex(58555E) Hex(2C009E) Hex(09001F)

	Hex(846DBF)	Hex(9B77F7)	Hex(AC6DBF)	Hex(58555E)	Hex(2C009E)	Hex(09001F)
Hex(846DBF)		Ratio: 1.30 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴
Hex(9B77F7)	Ratio: 1.30 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 6.18 AA ¹ AAA 18pt ⁴
Hex(AC6DBF)	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 5.52 AA ¹ AAA 18pt ⁴
Hex(58555E)	Ratio: 1.71 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(2C009E)	Ratio: 3.07 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 1.80 Failed ⁵		Ratio: 1.55 Failed ⁵
Hex(09001F)	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 2.79 Failed ⁵	Ratio: 1.55 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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