

Converting Colors - WCAG Matrix

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

Hex(8F71BF) Hex(AD7EF7) Hex(B671BF) Hex(59555E) Hex(3D009E) Hex(0C001F)

	Hex(8F71BF)	Hex(AD7EF7)	Hex(B671BF)	Hex(59555E)	Hex(3D009E)	Hex(0C001F)
Hex(8F71BF)		Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴
Hex(AD7EF7)	Ratio: 1.34 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 6.86 AA ¹ AAA 18pt ⁴
Hex(B671BF)	Ratio: 1.16 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(59555E)	Ratio: 1.83 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(3D009E)	Ratio: 3.12 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 1.71 Failed ⁵		Ratio: 1.63 Failed ⁵
Hex(0C001F)	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 2.79 Failed ⁵	Ratio: 1.63 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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