

Converting Colors - WCAG Matrix

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

Hex(A294BF) Hex(CAB5F7) Hex(B794BF) Hex(58555E) Hex(33009E) Hex(0A001F)

	Hex(A294BF)	Hex(CAB5F7)	Hex(B794BF)	Hex(58555E)	Hex(33009E)	Hex(0A001F)
Hex(A294BF)		Ratio: 1.52 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 7.29 Passed ⁶
Hex(CAB5F7)	Ratio: 1.52 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 7.01 Passed ⁶	Ratio: 11.10 Passed ⁶
Hex(B794BF)	Ratio: 1.06 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.78 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 7.75 Passed ⁶
Hex(58555E)	Ratio: 2.62 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 2.78 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(33009E)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 7.01 Passed ⁶	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.76 Failed ⁵		Ratio: 1.58 Failed ⁵
Hex(0A001F)	Ratio: 7.29 Passed ⁶	Ratio: 11.10 Passed ⁶	Ratio: 7.75 Passed ⁶	Ratio: 2.79 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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