

Converting Colors - WCAG Matrix

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

Hex(A89ABF) Hex(D4BEF7) Hex(BA9ABF) Hex(58555E) Hex(3C009E) Hex(0C001F)

	Hex(A89ABF)	Hex(D4BEF7)	Hex(BA9ABF)	Hex(58555E)	Hex(3C009E)	Hex(0C001F)
Hex(A89ABF)		Ratio: 1.56 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 7.76 Passed ⁶
Hex(D4BEF7)	Ratio: 1.56 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 4.35 AA 18pt ²	Ratio: 7.42 Passed ⁶	Ratio: 12.08 Passed ⁶
Hex(BA9ABF)	Ratio: 1.05 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 2.94 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 8.17 Passed ⁶
Hex(58555E)	Ratio: 2.80 Failed ⁵	Ratio: 4.35 AA 18pt ²	Ratio: 2.94 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(3C009E)	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 7.42 Passed ⁶	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.71 Failed ⁵		Ratio: 1.63 Failed ⁵
Hex(0C001F)	Ratio: 7.76 Passed ⁶	Ratio: 12.08 Passed ⁶	Ratio: 8.17 Passed ⁶	Ratio: 2.78 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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