

Converting Colors - WCAG Matrix

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

Hex(9C95D5) Hex(ACA3FF) Hex(BA95D5) Hex(61606B) Hex(1100AB) Hex(04002B)

	Hex(9C95D5)	Hex(ACA3FF)	Hex(BA95D5)	Hex(61606B)	Hex(1100AB)	Hex(04002B)
Hex(9C95D5)		Ratio: 1.23 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 7.38 Passed ⁶
Hex(ACA3FF)	Ratio: 1.23 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 9.07 Passed ⁶
Hex(BA95D5)	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 8.03 Passed ⁶
Hex(61606B)	Ratio: 2.26 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(1100AB)	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 2.11 Failed ⁵		Ratio: 1.55 Failed ⁵
Hex(04002B)	Ratio: 7.38 Passed ⁶	Ratio: 9.07 Passed ⁶	Ratio: 8.03 Passed ⁶	Ratio: 3.26 AA 18pt ²	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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