

Converting Colors - WCAG Matrix

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

Hex(954692) Hex(C246BE) Hex(469570) Hex(4A434A) Hex(8A0085) Hex(0A000A)

	Hex(954692)	Hex(C246BE)	Hex(469570)	Hex(4A434A)	Hex(8A0085)	Hex(0A000A)
Hex(954692)		Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(C246BE)	Ratio: 1.38 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(469570)	Ratio: 1.62 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴
Hex(4A434A)	Ratio: 1.63 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.64 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(8A0085)	Ratio: 1.48 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(0A000A)	Ratio: 3.51 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 2.16 Failed ⁵	Ratio: 2.38 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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