

Converting Colors - WCAG Matrix

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

Hex(945494) Hex(BF5CBF) Hex(947454) Hex(4A434A) Hex(8A008A) Hex(0A000A)

	Hex(945494)	Hex(BF5CBF)	Hex(947454)	Hex(4A434A)	Hex(8A008A)	Hex(0A000A)
Hex(945494)		Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.89 AA 18pt ²
Hex(BF5CBF)	Ratio: 1.39 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴
Hex(947454)	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(4A434A)	Ratio: 1.80 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(8A008A)	Ratio: 1.62 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.41 Failed ⁵
Hex(0A000A)	Ratio: 3.89 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 2.16 Failed ⁵	Ratio: 2.41 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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