

Converting Colors - WCAG Matrix

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

Hex(B39FA8) Hex(E8CAD7) Hex(B3A09F) Hex(595054) Hex(990045) Hex(1A000B)

	Hex(B39FA8)	Hex(E8CAD7)	Hex(B3A09F)	Hex(595054)	Hex(990045)	Hex(1A000B)
Hex(B39FA8)		Ratio: 1.64 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 8.05 Passed ⁶
Hex(E8CAD7)	Ratio: 1.64 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 13.22 Passed ⁶
Hex(B3A09F)	Ratio: 1.00 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 3.13 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 8.05 Passed ⁶
Hex(595054)	Ratio: 3.13 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 3.13 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(990045)	Ratio: 3.46 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 3.46 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 2.33 Failed ⁵
Hex(1A000B)	Ratio: 8.05 Passed ⁶	Ratio: 13.22 Passed ⁶	Ratio: 8.05 Passed ⁶	Ratio: 2.57 Failed ⁵	Ratio: 2.33 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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