

Converting Colors - WCAG Matrix

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

Hex(B083AD) Hex(E69EE0) Hex(B09E83) Hex(595059) Hex(99008C) Hex(1A0017)

	Hex(B083AD)	Hex(E69EE0)	Hex(B09E83)	Hex(595059)	Hex(99008C)	Hex(1A0017)
Hex(B083AD)		Ratio: 1.54 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 6.34 AA ¹ AAA 18pt ⁴
Hex(E69EE0)	Ratio: 1.54 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 9.78 Passed ⁶
Hex(B09E83)	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.97 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 7.64 Passed ⁶
Hex(595059)	Ratio: 2.47 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 2.97 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(99008C)	Ratio: 2.45 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(1A0017)	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 9.78 Passed ⁶	Ratio: 7.64 Passed ⁶	Ratio: 2.57 Failed ⁵	Ratio: 2.59 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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