

Converting Colors - WCAG Matrix

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

Hex(B187A0) Hex(E6A5CB) Hex(B1878B) Hex(595056) Hex(99005B) Hex(1A000F)

	Hex(B187A0)	Hex(E6A5CB)	Hex(B1878B)	Hex(595056)	Hex(99005B)	Hex(1A000F)
Hex(B187A0)		Ratio: 1.55 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴
Hex(E6A5CB)	Ratio: 1.55 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 10.10 Passed ⁶
Hex(B1878B)	Ratio: 1.02 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 6.38 AA ¹ AAA 18pt ⁴
Hex(595056)	Ratio: 2.53 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 2.48 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(99005B)	Ratio: 2.73 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(1A000F)	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 10.10 Passed ⁶	Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 2.58 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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