

Converting Colors - WCAG Matrix

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

Hex(B07BAC) Hex(E693DF) Hex(B0997B) Hex(595059) Hex(99008D) Hex(1A0018)

	Hex(B07BAC)	Hex(E693DF)	Hex(B0997B)	Hex(595059)	Hex(99008D)	Hex(1A0018)
Hex(B07BAC)		Ratio: 1.53 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(E693DF)	Ratio: 1.53 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 9.08 Passed ⁶
Hex(B0997B)	Ratio: 1.23 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.83 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 7.27 Passed ⁶
Hex(595059)	Ratio: 2.31 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 2.83 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(99008D)	Ratio: 2.29 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(1A0018)	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 9.08 Passed ⁶	Ratio: 7.27 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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