

Converting Colors - WCAG Matrix

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

Hex(B384A2) Hex(E8A0CF) Hex(B3848C) Hex(595056) Hex(990064) Hex(190011)

	Hex(B384A2)	Hex(E8A0CF)	Hex(B3848C)	Hex(595056)	Hex(990064)	Hex(190011)
Hex(B384A2)		Ratio: 1.54 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 6.42 AA ¹ AAA 18pt ⁴
Hex(E8A0CF)	Ratio: 1.54 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 4.08 AA 18pt ²	Ratio: 9.87 Passed ⁶
Hex(B3848C)	Ratio: 1.02 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 6.29 AA ¹ AAA 18pt ⁴
Hex(595056)	Ratio: 2.49 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(990064)	Ratio: 2.65 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(190011)	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 9.87 Passed ⁶	Ratio: 6.29 AA ¹ AAA 18pt ⁴	Ratio: 2.58 Failed ⁵	Ratio: 2.42 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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