

Converting Colors - WCAG Matrix

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

Hex(B5907D) Hex(EBB194) Hex(B5AC7D) Hex(5C5653) Hex(9C3400) Hex(1C0900)

	Hex(B5907D)	Hex(EBB194)	Hex(B5AC7D)	Hex(5C5653)	Hex(9C3400)	Hex(1C0900)
Hex(B5907D)		Ratio: 1.55 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 6.66 AA ¹ AAA 18pt ⁴
Hex(EBB194)	Ratio: 1.55 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 10.34 Passed ⁶
Hex(B5AC7D)	Ratio: 1.26 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 8.42 Passed ⁶
Hex(5C5653)	Ratio: 2.49 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 3.15 AA 18pt ²		Ratio: 1.00 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(9C3400)	Ratio: 2.50 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 1.00 Failed ⁵		Ratio: 2.67 Failed ⁵
Hex(1C0900)	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 10.34 Passed ⁶	Ratio: 8.42 Passed ⁶	Ratio: 2.67 Failed ⁵	Ratio: 2.67 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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