

Converting Colors - WCAG Matrix

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

Hex(B09E92) Hex(E5C9B5) Hex(B0AD92) Hex(57524E) Hex(963F00) Hex(170A00)

	Hex(B09E92)	Hex(E5C9B5)	Hex(B0AD92)	Hex(57524E)	Hex(963F00)	Hex(170A00)
Hex(B09E92)		Ratio: 1.64 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 7.55 Passed ⁶
Hex(E5C9B5)	Ratio: 1.64 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 4.44 AA 18pt ²	Ratio: 12.37 Passed ⁶
Hex(B0AD92)	Ratio: 1.13 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 3.39 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 8.56 Passed ⁶
Hex(57524E)	Ratio: 2.99 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.39 AA 18pt ²		Ratio: 1.10 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(963F00)	Ratio: 2.71 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 1.10 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(170A00)	Ratio: 7.55 Passed ⁶	Ratio: 12.37 Passed ⁶	Ratio: 8.56 Passed ⁶	Ratio: 2.52 Failed ⁵	Ratio: 2.79 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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