

Converting Colors - WCAG Matrix

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

Hex(B1ABA0) Hex(E6DCCA) Hex(AEB1A0) Hex(595650) Hex(996300) Hex(1A1100)

	Hex(B1ABA0)	Hex(E6DCCA)	Hex(AEB1A0)	Hex(595650)	Hex(996300)	Hex(1A1100)
Hex(B1ABA0)		Ratio: 1.68 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 8.19 Passed ⁶
Hex(E6DCCA)	Ratio: 1.68 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 3.73 AA 18pt ²	Ratio: 13.75 Passed ⁶
Hex(AEB1A0)	Ratio: 1.04 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 3.34 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 8.54 Passed ⁶
Hex(595650)	Ratio: 3.20 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²		Ratio: 1.44 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(996300)	Ratio: 2.22 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 3.68 AA 18pt ²
Hex(1A1100)	Ratio: 8.19 Passed ⁶	Ratio: 13.75 Passed ⁶	Ratio: 8.54 Passed ⁶	Ratio: 2.55 Failed ⁵	Ratio: 3.68 AA 18pt ²	

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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