

Converting Colors - WCAG Matrix

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

Hex(B2AEAD) Hex(E8E3E1) Hex(B2B0AD) Hex(595656) Hex(991F00) Hex(190500)

	Hex(B2AEAD)	Hex(E8E3E1)	Hex(B2B0AD)	Hex(595656)	Hex(991F00)	Hex(190500)
Hex(B2AEAD)		Ratio: 1.73 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 8.98 Passed ⁶
Hex(E8E3E1)	Ratio: 1.73 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 15.53 Passed ⁶
Hex(B2B0AD)	Ratio: 1.02 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 3.36 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 9.13 Passed ⁶
Hex(595656)	Ratio: 3.30 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(991F00)	Ratio: 3.74 AA 18pt ²	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.40 Failed ⁵
Hex(190500)	Ratio: 8.98 Passed ⁶	Ratio: 15.53 Passed ⁶	Ratio: 9.13 Passed ⁶	Ratio: 2.72 Failed ⁵	Ratio: 2.40 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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