

Converting Colors - WCAG Matrix

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

Hex(BBB5AB) Hex(F2E9DA) Hex(B9BBAB) Hex(5E5B55) Hex(9E6300) Hex(1F1300)

	Hex(BBB5AB)	Hex(F2E9DA)	Hex(B9BBAB)	Hex(5E5B55)	Hex(9E6300)	Hex(1F1300)
Hex(BBB5AB)		Ratio: 1.69 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 8.95 Passed ⁶
Hex(F2E9DA)	Ratio: 1.69 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 4.12 AA 18pt ²	Ratio: 15.15 Passed ⁶
Hex(B9BBAB)	Ratio: 1.04 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 9.34 Passed ⁶
Hex(5E5B55)	Ratio: 3.32 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(9E6300)	Ratio: 2.43 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 3.68 AA 18pt ²
Hex(1F1300)	Ratio: 8.95 Passed ⁶	Ratio: 15.15 Passed ⁶	Ratio: 9.34 Passed ⁶	Ratio: 2.70 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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