

Converting Colors - WCAG Matrix

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

Hex(BBB094) Hex(F2E1B6) Hex(B3BB94) Hex(5E5C55) Hex(9E7100) Hex(1F1600)

	Hex(BBB094)	Hex(F2E1B6)	Hex(B3BB94)	Hex(5E5C55)	Hex(9E7100)	Hex(1F1600)
Hex(BBB094)		Ratio: 1.66 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 8.31 Passed ⁶
Hex(F2E1B6)	Ratio: 1.66 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 13.83 Passed ⁶
Hex(B3BB94)	Ratio: 1.07 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 3.33 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 8.91 Passed ⁶
Hex(5E5C55)	Ratio: 3.11 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.33 AA 18pt ²		Ratio: 1.53 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9E7100)	Ratio: 2.02 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 4.11 AA 18pt ²
Hex(1F1600)	Ratio: 8.31 Passed ⁶	Ratio: 13.83 Passed ⁶	Ratio: 8.91 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 4.11 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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