

Converting Colors - WCAG Matrix

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

Hex(B96E64) Hex(F07B6C) Hex(B99764) Hex(5C5453) Hex(9C1200) Hex(1C0300)

	Hex(B96E64)	Hex(F07B6C)	Hex(B99764)	Hex(5C5453)	Hex(9C1200)	Hex(1C0300)
Hex(B96E64)		Ratio: 1.42 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(F07B6C)	Ratio: 1.42 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 7.30 Passed ⁶
Hex(B99764)	Ratio: 1.40 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 7.22 Passed ⁶
Hex(5C5453)	Ratio: 1.92 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.69 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C1200)	Ratio: 2.19 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(1C0300)	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 7.30 Passed ⁶	Ratio: 7.22 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 2.35 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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