

Converting Colors - WCAG Matrix

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

Hex(947562) Hex(BF8F71) Hex(948D62) Hex(4A4543) Hex(8A3400) Hex(0A0400)

	Hex(947562)	Hex(BF8F71)	Hex(948D62)	Hex(4A4543)	Hex(8A3400)	Hex(0A0400)
Hex(947562)		Ratio: 1.48 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(BF8F71)	Ratio: 1.48 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 7.17 Passed ⁶
Hex(948D62)	Ratio: 1.25 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.81 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(4A4543)	Ratio: 2.24 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.81 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(8A3400)	Ratio: 1.94 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(0A0400)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 7.17 Passed ⁶	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 2.16 Failed ⁵	Ratio: 2.50 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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