

Converting Colors - WCAG Matrix

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

Hex(7A8B71) Hex(9BB58D) Hex(718B75) Hex(40453E) Hex(2E8500) Hex(020500)

	Hex(7A8B71)	Hex(9BB58D)	Hex(718B75)	Hex(40453E)	Hex(2E8500)	Hex(020500)
Hex(7A8B71)		Ratio: 1.63 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴
Hex(9BB58D)	Ratio: 1.63 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 9.17 Passed ⁶
Hex(718B75)	Ratio: 1.02 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴
Hex(40453E)	Ratio: 2.69 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 2.64 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(2E8500)	Ratio: 1.29 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 4.37 AA 18pt ²
Hex(020500)	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 9.17 Passed ⁶	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 2.09 Failed ⁵	Ratio: 4.37 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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