

Converting Colors - WCAG Matrix

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

Hex(708C70) Hex(8AB58A) Hex(708C7E) Hex(3E453E) Hex(008500) Hex(000500)

	Hex(708C70)	Hex(8AB58A)	Hex(708C7E)	Hex(3E453E)	Hex(008500)	Hex(000500)
Hex(708C70)		Ratio: 1.60 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 5.55 AA ¹ AAA 18pt ⁴
Hex(8AB58A)	Ratio: 1.60 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 8.86 Passed ⁶
Hex(708C7E)	Ratio: 1.01 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.70 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴
Hex(3E453E)	Ratio: 2.67 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 2.70 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(008500)	Ratio: 1.30 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 4.26 AA 18pt ²
Hex(000500)	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 8.86 Passed ⁶	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 4.26 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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