

Converting Colors - WCAG Matrix

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

Hex(009B71) Hex(00C993) Hex(00799B) Hex(454D4A) Hex(008C66) Hex(000D09)

	Hex(009B71)	Hex(00C993)	Hex(00799B)	Hex(454D4A)	Hex(008C66)	Hex(000D09)
Hex(009B71)		Ratio: 1.65 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴
Hex(00C993)	Ratio: 1.65 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 9.21 Passed ⁶
Hex(00799B)	Ratio: 1.41 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(454D4A)	Ratio: 2.46 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 1.74 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(008C66)	Ratio: 1.20 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(000D09)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 9.21 Passed ⁶	Ratio: 3.96 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	

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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