

Converting Colors - WCAG Matrix

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

Hex(2F9AA2) Hex(20C8D4) Hex(2F61A2) Hex(495152) Hex(008891) Hex(001112)

	Hex(2F9AA2)	Hex(20C8D4)	Hex(2F61A2)	Hex(495152)	Hex(008891)	Hex(001112)
Hex(2F9AA2)		Ratio: 1.64 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 5.75 AA ¹ AAA 18pt ⁴
Hex(20C8D4)	Ratio: 1.64 Failed ⁵		Ratio: 3.06 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 9.43 Passed ⁶
Hex(2F61A2)	Ratio: 1.87 Failed ⁵	Ratio: 3.06 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(495152)	Ratio: 2.43 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 1.30 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(008891)	Ratio: 1.27 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(001112)	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 9.43 Passed ⁶	Ratio: 3.08 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 4.53 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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