

Converting Colors - WCAG Matrix

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

Hex(049AA2) Hex(00C9D4) Hex(044BA2) Hex(495152) Hex(008A91) Hex(001112)

	Hex(049AA2)	Hex(00C9D4)	Hex(044BA2)	Hex(495152)	Hex(008A91)	Hex(001112)
Hex(049AA2)		Ratio: 1.68 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.65 AA ¹ AAA 18pt ⁴
Hex(00C9D4)	Ratio: 1.68 Failed ⁵		Ratio: 4.07 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 9.46 Passed ⁶
Hex(044BA2)	Ratio: 2.43 Failed ⁵	Ratio: 4.07 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(495152)	Ratio: 2.38 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(008A91)	Ratio: 1.22 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 4.63 AA ¹ AAA 18pt ⁴
Hex(001112)	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 9.46 Passed ⁶	Ratio: 2.33 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 4.63 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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