

Converting Colors - WCAG Matrix

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

Hex(00807D) Hex(00A6A2) Hex(004480) Hex(394040) Hex(000000)

	Hex(00807D)	Hex(00A6A2)	Hex(004480)	Hex(394040)	Hex(000000)
Hex(00807D)		Ratio: 1.59 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 4.38 AA 18pt ²
Hex(00A6A2)	Ratio: 1.59 Failed ⁵		Ratio: 3.26 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 6.98 AA ¹ AAA 18pt ⁴
Hex(004480)	Ratio: 2.05 Failed ⁵	Ratio: 3.26 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(394040)	Ratio: 2.21 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 1.98 Failed ⁵
Hex(000000)	Ratio: 4.38 AA 18pt ²	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 2.14 Failed ⁵	Ratio: 1.98 Failed ⁵	

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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