

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(0094AB) Hex(00C0DE) Hex(003FAB) Hex(4C5354) Hex(008094) Hex(001214)

	Hex(0094AB)	Hex(00C0DE)	Hex(003FAB)	Hex(4C5354)	Hex(008094)	Hex(001214)
Hex(0094AB)		Ratio: 1.65 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴
Hex(00C0DE)	Ratio: 1.65 Failed ⁵		Ratio: 4.17 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 8.75 Passed ⁶
Hex(003FAB)	Ratio: 2.53 Failed ⁵	Ratio: 4.17 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(4C5354)	Ratio: 2.18 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(008094)	Ratio: 1.29 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 4.12 AA 18pt ²
Hex(001214)	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 8.75 Passed ⁶	Ratio: 2.10 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 4.12 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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