

Converting Colors - WCAG Matrix

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

Hex(77A7AD) Hex(8DD7E0) Hex(778DAD) Hex(4E5657) Hex(008696) Hex(001417)

	Hex(77A7AD)	Hex(8DD7E0)	Hex(778DAD)	Hex(4E5657)	Hex(008696)	Hex(001417)
Hex(77A7AD)		Ratio: 1.63 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 7.12 Passed ⁶
Hex(8DD7E0)	Ratio: 1.63 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 2.67 Failed ⁵	Ratio: 11.62 Passed ⁶
Hex(778DAD)	Ratio: 1.28 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(4E5657)	Ratio: 2.83 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(008696)	Ratio: 1.63 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 4.36 AA 18pt ²
Hex(001417)	Ratio: 7.12 Passed ⁶	Ratio: 11.62 Passed ⁶	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 4.36 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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