

Converting Colors - WCAG Matrix

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

Hex(6DA0AB) Hex(7CCDDE) Hex(6D82AB) Hex(4E5557) Hex(007C96) Hex(001317)

	Hex(6DA0AB)	Hex(7CCDDE)	Hex(6D82AB)	Hex(4E5557)	Hex(007C96)	Hex(001317)
Hex(6DA0AB)		Ratio: 1.60 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 6.57 AA ¹ AAA 18pt ⁴
Hex(7CCDDE)	Ratio: 1.60 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 10.53 Passed ⁶
Hex(6D82AB)	Ratio: 1.34 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(4E5557)	Ratio: 2.63 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 1.97 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(007C96)	Ratio: 1.68 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 3.91 AA 18pt ²
Hex(001317)	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 10.53 Passed ⁶	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵	Ratio: 3.91 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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