

Converting Colors - WCAG Matrix

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

Hex(288686) Hex(1CADAD) Hex(285786) Hex(3C4242) Hex(008282) Hex(000303)

	Hex(288686)	Hex(1CADAD)	Hex(285786)	Hex(3C4242)	Hex(008282)	Hex(000303)
Hex(288686)		Ratio: 1.57 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(1CADAD)	Ratio: 1.57 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 7.52 Passed ⁶
Hex(285786)	Ratio: 1.73 Failed ⁵	Ratio: 2.73 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(3C4242)	Ratio: 2.36 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(008282)	Ratio: 1.07 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 4.45 AA 18pt ²
Hex(000303)	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 7.52 Passed ⁶	Ratio: 2.76 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 4.45 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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