

Converting Colors - WCAG Matrix

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

Hex(4DC0E0) Hex(36D3FF) Hex(4D79E0) Hex(656E70) Hex(008AB0) Hex(002630)

	Hex(4DC0E0)	Hex(36D3FF)	Hex(4D79E0)	Hex(656E70)	Hex(008AB0)	Hex(002630)
Hex(4DC0E0)		Ratio: 1.20 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 7.52 Passed ⁶
Hex(36D3FF)	Ratio: 1.20 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 9.03 Passed ⁶
Hex(4D79E0)	Ratio: 1.94 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.88 AA 18pt ²
Hex(656E70)	Ratio: 2.47 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(008AB0)	Ratio: 1.89 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.99 AA 18pt ²
Hex(002630)	Ratio: 7.52 Passed ⁶	Ratio: 9.03 Passed ⁶	Ratio: 3.88 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 3.99 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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