

Converting Colors - WCAG Matrix

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

Hex(ACC9D6) Hex(C2ECFF) Hex(ACB4D6) Hex(60686B) Hex(0076AB) Hex(001E2B)

	Hex(ACC9D6)	Hex(C2ECFF)	Hex(ACB4D6)	Hex(60686B)	Hex(0076AB)	Hex(001E2B)
Hex(ACC9D6)		Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 9.90 Passed ⁶
Hex(C2ECFF)	Ratio: 1.39 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²	Ratio: 13.71 Passed ⁶
Hex(ACB4D6)	Ratio: 1.18 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.78 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 8.40 Passed ⁶
Hex(60686B)	Ratio: 3.27 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 2.78 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(0076AB)	Ratio: 2.89 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 3.42 AA 18pt ²
Hex(001E2B)	Ratio: 9.90 Passed ⁶	Ratio: 13.71 Passed ⁶	Ratio: 8.40 Passed ⁶	Ratio: 3.02 AA 18pt ²	Ratio: 3.42 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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