

Converting Colors - WCAG Matrix

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

Hex(ABC7D6) Hex(C2EAFB) Hex(ABB2D6) Hex(60676B) Hex(006FAB) Hex(001C2B)

	Hex(ABC7D6)	Hex(C2EAFB)	Hex(ABB2D6)	Hex(60676B)	Hex(006FAB)	Hex(001C2B)
Hex(ABC7D6)		Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 9.89 Passed ⁶
Hex(C2EAFB)	Ratio: 1.39 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 4.27 AA 18pt ²	Ratio: 13.74 Passed ⁶
Hex(ABB2D6)	Ratio: 1.18 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.76 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 8.39 Passed ⁶
Hex(60676B)	Ratio: 3.25 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 2.76 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(006FAB)	Ratio: 3.07 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.22 AA 18pt ²
Hex(001C2B)	Ratio: 9.89 Passed ⁶	Ratio: 13.74 Passed ⁶	Ratio: 8.39 Passed ⁶	Ratio: 3.04 AA 18pt ²	Ratio: 3.22 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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