

Converting Colors - WCAG Matrix

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

Hex(CAE6FC) Hex(C2E4FF) Hex(CACDFC) Hex(70777D) Hex(006ABD) Hex(00223D)

	Hex(CAE6FC)	Hex(C2E4FF)	Hex(CACDFC)	Hex(70777D)	Hex(006ABD)	Hex(00223D)
Hex(CAE6FC)		Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.28 AA 18pt ²	Ratio: 12.53 Passed ⁶
Hex(C2E4FF)	Ratio: 1.03 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 12.22 Passed ⁶
Hex(CACDFC)	Ratio: 1.19 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 10.53 Passed ⁶
Hex(70777D)	Ratio: 3.51 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 2.95 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(006ABD)	Ratio: 4.28 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 2.93 Failed ⁵
Hex(00223D)	Ratio: 12.53 Passed ⁶	Ratio: 12.22 Passed ⁶	Ratio: 10.53 Passed ⁶	Ratio: 3.57 AA 18pt ²	Ratio: 2.93 Failed ⁵	

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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