

Converting Colors - WCAG Matrix

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

Hex(C7D5E2) Hex(DBEEFF) Hex(C7C8E2) Hex(656B70) Hex(005EB0) Hex(001A30)

	Hex(C7D5E2)	Hex(DBEEFF)	Hex(C7C8E2)	Hex(656B70)	Hex(005EB0)	Hex(001A30)
Hex(C7D5E2)		Ratio: 1.26 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.35 AA 18pt ²	Ratio: 11.80 Passed ⁶
Hex(DBEEFF)	Ratio: 1.26 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 14.86 Passed ⁶
Hex(C7C8E2)	Ratio: 1.10 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 3.29 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 10.74 Passed ⁶
Hex(656B70)	Ratio: 3.61 AA 18pt ²	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(005EB0)	Ratio: 4.35 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²	Ratio: 1.21 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(001A30)	Ratio: 11.80 Passed ⁶	Ratio: 14.86 Passed ⁶	Ratio: 10.74 Passed ⁶	Ratio: 3.27 AA 18pt ²	Ratio: 2.71 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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