

Converting Colors - WCAG Matrix

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

Hex(C5CBE1) Hex(D9E1FF) Hex(CDC5E1) Hex(656770) Hex(0026B0) Hex(000A30)

	Hex(C5CBE1)	Hex(D9E1FF)	Hex(CDC5E1)	Hex(656770)	Hex(0026B0)	Hex(000A30)
Hex(C5CBE1)		Ratio: 1.24 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 11.97 Passed ⁶
Hex(D9E1FF)	Ratio: 1.24 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 8.49 Passed ⁶	Ratio: 14.88 Passed ⁶
Hex(CDC5E1)	Ratio: 1.03 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.40 AA 18pt ²	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 11.67 Passed ⁶
Hex(656770)	Ratio: 3.49 AA 18pt ²	Ratio: 4.34 AA 18pt ²	Ratio: 3.40 AA 18pt ²		Ratio: 1.96 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(0026B0)	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 8.49 Passed ⁶	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵		Ratio: 1.75 Failed ⁵
Hex(000A30)	Ratio: 11.97 Passed ⁶	Ratio: 14.88 Passed ⁶	Ratio: 11.67 Passed ⁶	Ratio: 3.43 AA 18pt ²	Ratio: 1.75 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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