

Converting Colors - WCAG Matrix

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

Hex(A4B2DF) Hex(ADC0FF) Hex(B3A4DF) Hex(656870) Hex(0029B0) Hex(000B30)

	Hex(A4B2DF)	Hex(ADC0FF)	Hex(B3A4DF)	Hex(656870)	Hex(0029B0)	Hex(000B30)
Hex(A4B2DF)		Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 9.18 Passed ⁶
Hex(ADC0FF)	Ratio: 1.17 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 10.78 Passed ⁶
Hex(B3A4DF)	Ratio: 1.08 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 8.52 Passed ⁶
Hex(656870)	Ratio: 2.66 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.47 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(0029B0)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.94 Failed ⁵		Ratio: 1.78 Failed ⁵
Hex(000B30)	Ratio: 9.18 Passed ⁶	Ratio: 10.78 Passed ⁶	Ratio: 8.52 Passed ⁶	Ratio: 3.45 AA 18pt ²	Ratio: 1.78 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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