

Converting Colors - WCAG Matrix

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

Hex(C6D0E9) Hex(D1DEFF) Hex(CDC6E9) Hex(6A6D75) Hex(0034B5) Hex(000F36)

	Hex(C6D0E9)	Hex(D1DEFF)	Hex(CDC6E9)	Hex(6A6D75)	Hex(0034B5)	Hex(000F36)
Hex(C6D0E9)		Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 12.13 Passed ⁶
Hex(D1DEFF)	Ratio: 1.15 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 7.23 Passed ⁶	Ratio: 13.91 Passed ⁶
Hex(CDC6E9)	Ratio: 1.06 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 11.46 Passed ⁶
Hex(6A6D75)	Ratio: 3.35 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 3.17 AA 18pt ²		Ratio: 1.88 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(0034B5)	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 7.23 Passed ⁶	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 1.88 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(000F36)	Ratio: 12.13 Passed ⁶	Ratio: 13.91 Passed ⁶	Ratio: 11.46 Passed ⁶	Ratio: 3.62 AA 18pt ²	Ratio: 1.92 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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