

Converting Colors - WCAG Matrix

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

Hex(BEC1E5) Hex(CCD0FF) Hex(CEBEE5) Hex(676873) Hex(000EB3) Hex(000433)

	Hex(BEC1E5)	Hex(CCD0FF)	Hex(CEBEE5)	Hex(676873)	Hex(000EB3)	Hex(000433)
Hex(BEC1E5)		Ratio: 1.17 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 11.22 Passed ⁶
Hex(CCD0FF)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 8.19 Passed ⁶	Ratio: 13.17 Passed ⁶
Hex(CEBEE5)	Ratio: 1.01 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.19 AA 18pt ²	Ratio: 7.07 Passed ⁶	Ratio: 11.38 Passed ⁶
Hex(676873)	Ratio: 3.14 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 3.19 AA 18pt ²		Ratio: 2.22 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(000EB3)	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 8.19 Passed ⁶	Ratio: 7.07 Passed ⁶	Ratio: 2.22 Failed ⁵		Ratio: 1.61 Failed ⁵
Hex(000433)	Ratio: 11.22 Passed ⁶	Ratio: 13.17 Passed ⁶	Ratio: 11.38 Passed ⁶	Ratio: 3.57 AA 18pt ²	Ratio: 1.61 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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