

Converting Colors - WCAG Matrix

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

Hex(B6E3B8) Hex(C2FFC4) Hex(B6E3CE) Hex(677368) Hex(00B308) Hex(003302)

	Hex(B6E3B8)	Hex(C2FFC4)	Hex(B6E3CE)	Hex(677368)	Hex(00B308)	Hex(003302)
Hex(B6E3B8)		Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 9.95 Passed ⁶
Hex(C2FFC4)	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 4.35 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 12.48 Passed ⁶
Hex(B6E3CE)	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.52 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 10.08 Passed ⁶
Hex(677368)	Ratio: 3.47 AA 18pt ²	Ratio: 4.35 AA 18pt ²	Ratio: 3.52 AA 18pt ²		Ratio: 1.76 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(00B308)	Ratio: 1.97 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 5.05 AA ¹ AAA 18pt ⁴
Hex(003302)	Ratio: 9.95 Passed ⁶	Ratio: 12.48 Passed ⁶	Ratio: 10.08 Passed ⁶	Ratio: 2.87 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴	

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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