

Converting Colors - WCAG Matrix

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

Hex(BCEBCE) Hex(C2FFD9) Hex(BCEBE5) Hex(6A756E) Hex(00B545) Hex(003615)

	Hex(BCEBCE)	Hex(C2FFD9)	Hex(BCEBE5)	Hex(6A756E)	Hex(00B545)	Hex(003615)
Hex(BCEBCE)		Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 10.34 Passed ⁶
Hex(C2FFD9)	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 12.09 Passed ⁶
Hex(BCEBE5)	Ratio: 1.02 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 10.50 Passed ⁶
Hex(6A756E)	Ratio: 3.63 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 3.69 AA 18pt ²		Ratio: 1.76 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(00B545)	Ratio: 2.07 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(003615)	Ratio: 10.34 Passed ⁶	Ratio: 12.09 Passed ⁶	Ratio: 10.50 Passed ⁶	Ratio: 2.85 Failed ⁵	Ratio: 5.00 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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