

Converting Colors - WCAG Matrix

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

Hex(B5C7B6) Hex(E3FFE5) Hex(B5C7BF) Hex(5A635A) Hex(00A309) Hex(002402)

	Hex(B5C7B6)	Hex(E3FFE5)	Hex(B5C7BF)	Hex(5A635A)	Hex(00A309)	Hex(002402)
Hex(B5C7B6)		Ratio: 1.67 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 9.42 Passed ⁶
Hex(E3FFE5)	Ratio: 1.67 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 3.16 AA 18pt ²	Ratio: 15.72 Passed ⁶
Hex(B5C7BF)	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.53 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 9.48 Passed ⁶
Hex(5A635A)	Ratio: 3.51 AA 18pt ²	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²		Ratio: 1.85 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(00A309)	Ratio: 1.89 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 4.98 AA ¹ AAA 18pt ⁴
Hex(002402)	Ratio: 9.42 Passed ⁶	Ratio: 15.72 Passed ⁶	Ratio: 9.48 Passed ⁶	Ratio: 2.69 Failed ⁵	Ratio: 4.98 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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