

Converting Colors - WCAG Matrix

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

Hex(80BF99) Hex(96FABD) Hex(80BFB8) Hex(57615B) Hex(00A13F) Hex(00210D)

Hex(80BF99)		Ratio: 1.70 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 8.04 Passed ⁶
Hex(96FABD)	Ratio: 1.70 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 2.71 Failed ⁵	Ratio: 13.66 Passed ⁶
Hex(80BFB8)	Ratio: 1.02 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.08 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 8.22 Passed ⁶
Hex(57615B)	Ratio: 3.01 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 3.08 AA 18pt ²		Ratio: 1.89 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(00A13F)	Ratio: 1.59 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(00210D)	Ratio: 8.04 Passed ⁶	Ratio: 13.66 Passed ⁶	Ratio: 8.22 Passed ⁶	Ratio: 2.67 Failed ⁵	Ratio: 5.04 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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