

Converting Colors - WCAG Matrix

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

Hex(70B58A) Hex(80EBA6) Hex(70B5AB) Hex(545C57) Hex(009C3B) Hex(001C0A)

	Hex(70B58A)	Hex(80EBA6)	Hex(70B5AB)	Hex(545C57)	Hex(009C3B)	Hex(001C0A)
Hex(70B58A)		Ratio: 1.66 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 7.40 Passed ⁶
Hex(80EBA6)	Ratio: 1.66 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 2.47 Failed ⁵	Ratio: 12.26 Passed ⁶
Hex(70B5AB)	Ratio: 1.03 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 7.59 Passed ⁶
Hex(545C57)	Ratio: 2.85 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 2.92 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(009C3B)	Ratio: 1.49 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(001C0A)	Ratio: 7.40 Passed ⁶	Ratio: 12.26 Passed ⁶	Ratio: 7.59 Passed ⁶	Ratio: 2.60 Failed ⁵	Ratio: 4.97 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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