

Converting Colors - WCAG Matrix

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

Hex(8E9F93) Hex(B4CFBC) Hex(8E9F9B) Hex(474F49) Hex(008F2A) Hex(000F04)

	Hex(8E9F93)	Hex(B4CFBC)	Hex(8E9F9B)	Hex(474F49)	Hex(008F2A)	Hex(000F04)
Hex(8E9F93)		Ratio: 1.67 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 7.04 Passed ⁶
Hex(B4CFBC)	Ratio: 1.67 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 2.54 Failed ⁵	Ratio: 11.77 Passed ⁶
Hex(8E9F9B)	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.05 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 7.09 Passed ⁶
Hex(474F49)	Ratio: 3.03 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 3.05 AA 18pt ²		Ratio: 2.00 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(008F2A)	Ratio: 1.52 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(000F04)	Ratio: 7.04 Passed ⁶	Ratio: 11.77 Passed ⁶	Ratio: 7.09 Passed ⁶	Ratio: 2.32 Failed ⁵	Ratio: 4.64 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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