

Converting Colors - WCAG Matrix

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

Hex(8FFFB0) Hex(78FFA0) Hex(8FFFE9) Hex(737F77) Hex(00BF39) Hex(004013)

	Hex(8FFFB0)	Hex(78FFA0)	Hex(8FFFE9)	Hex(737F77)	Hex(00BF39)	Hex(004013)
Hex(8FFFB0)		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 9.81 Passed ⁶
Hex(78FFA0)	Ratio: 1.03 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 9.53 Passed ⁶
Hex(8FFFE9)	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 10.13 Passed ⁶
Hex(737F77)	Ratio: 3.40 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 3.51 AA 18pt ²		Ratio: 1.69 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(00BF39)	Ratio: 2.01 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(004013)	Ratio: 9.81 Passed ⁶	Ratio: 9.53 Passed ⁶	Ratio: 10.13 Passed ⁶	Ratio: 2.89 Failed ⁵	Ratio: 4.88 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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