

Converting Colors - WCAG Matrix

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

Hex(5EFFB7) Hex(3DFFA8) Hex(5EF7FF) Hex(73807A) Hex(00BF6A) Hex(004023)

	Hex(5EFFB7)	Hex(3DFFA8)	Hex(5EF7FF)	Hex(73807A)	Hex(00BF6A)	Hex(004023)
Hex(5EFFB7)		Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 9.37 Passed ⁶
Hex(3DFFA8)	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 9.14 Passed ⁶
Hex(5EF7FF)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.18 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 9.23 Passed ⁶
Hex(73807A)	Ratio: 3.23 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 3.18 AA 18pt ²		Ratio: 1.70 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(00BF6A)	Ratio: 1.90 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(004023)	Ratio: 9.37 Passed ⁶	Ratio: 9.14 Passed ⁶	Ratio: 9.23 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 4.93 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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