

Converting Colors - WCAG Matrix

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

Hex(80ED80) Hex(73FF73) Hex(80EDB7) Hex(6C786C) Hex(00B800) Hex(003800)

	Hex(80ED80)	Hex(73FF73)	Hex(80EDB7)	Hex(6C786C)	Hex(00B800)	Hex(003800)
Hex(80ED80)		Ratio: 1.14 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 9.16 Passed ⁶
Hex(73FF73)	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 10.40 Passed ⁶
Hex(80EDB7)	Ratio: 1.03 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.24 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 9.40 Passed ⁶
Hex(6C786C)	Ratio: 3.16 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 3.24 AA 18pt ²		Ratio: 1.73 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(00B800)	Ratio: 1.83 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(003800)	Ratio: 9.16 Passed ⁶	Ratio: 10.40 Passed ⁶	Ratio: 9.40 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 5.02 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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