

Converting Colors - WCAG Matrix

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

Hex(00F0A8) Hex(00FFB3) Hex(00C0F0) Hex(6C7874) Hex(00B881) Hex(003827)

Hex(00F0A8)		Ratio: 1.14 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 8.80 Passed ⁶
Hex(00FFB3)	Ratio: 1.14 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 10.00 Passed ⁶
Hex(00C0F0)	Ratio: 1.43 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 6.14 AA ¹ AAA 18pt ⁴
Hex(6C7874)	Ratio: 3.07 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 2.14 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(00B881)	Ratio: 1.72 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(003827)	Ratio: 8.80 Passed ⁶	Ratio: 10.00 Passed ⁶	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 2.87 Failed ⁵	Ratio: 5.12 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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