

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(84F0D2) Hex(75FFD8) Hex(84DBF0) Hex(6C7874) Hex(00B883) Hex(003828)

Hex(84F0D2)		Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 9.63 Passed ⁶
Hex(75FFD8)	Ratio: 1.11 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 10.68 Passed ⁶
Hex(84DBF0)	Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 8.38 Passed ⁶
Hex(6C7874)	Ratio: 3.36 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 2.92 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(00B883)	Ratio: 1.88 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 5.13 AA ¹ AAA 18pt ⁴
Hex(003828)	Ratio: 9.63 Passed ⁶	Ratio: 10.68 Passed ⁶	Ratio: 8.38 Passed ⁶	Ratio: 2.87 Failed ⁵	Ratio: 5.13 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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