

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(00B696) Hex(A6EDE1) Hex(21B600) Hex(4D7870) Hex(F7F7F7) Hex(787878)

	Hex(00B696)	Hex(A6EDE1)	Hex(21B600)	Hex(4D7870)	Hex(F7F7F7)	Hex(787878)
Hex(00B696)		Ratio: 1.95 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(A6EDE1)	Ratio: 1.95 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(21B600)	Ratio: 1.05 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(4D7870)	Ratio: 1.92 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.83 Failed ⁵		Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(F7F7F7)	Ratio: 2.41 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.71 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.12 AA 18pt ²	

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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