

Converting Colors - WCAG Matrix

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

Hex(BEDED) Hex(C2FFF) Hex(BED6ED) Hex(6C7878) Hex(00B8B8) Hex(003838)

Hex(BEDED)		Ratio: 1.15 Failed⁵	Ratio: 1.18 Failed⁵	Ratio: 3.60 AA 18pt²	Ratio: 1.93 Failed⁵	Ratio: 10.18 Passed⁶
Hex(C2FFF)	Ratio: 1.15 Failed⁵		Ratio: 1.36 Failed⁵	Ratio: 4.14 AA 18pt²	Ratio: 2.23 Failed⁵	Ratio: 11.73 Passed⁶
Hex(BED6ED)	Ratio: 1.18 Failed⁵	Ratio: 1.36 Failed⁵		Ratio: 3.05 AA 18pt²	Ratio: 1.64 Failed⁵	Ratio: 8.65 Passed⁶
Hex(6C7878)	Ratio: 3.60 AA 18pt²	Ratio: 4.14 AA 18pt²	Ratio: 3.05 AA 18pt²		Ratio: 1.86 Failed⁵	Ratio: 2.83 Failed⁵
Hex(00B8B8)	Ratio: 1.93 Failed⁵	Ratio: 2.23 Failed⁵	Ratio: 1.64 Failed⁵	Ratio: 1.86 Failed⁵		Ratio: 5.27 AA¹ AAA 18pt⁴
Hex(003838)	Ratio: 10.18 Passed⁶	Ratio: 11.73 Passed⁶	Ratio: 8.65 Passed⁶	Ratio: 2.83 Failed⁵	Ratio: 5.27 AA¹ AAA 18pt⁴	

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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