

Converting Colors - WCAG Matrix

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

Hex(8AEFED) Hex(7DFFFF) Hex(8ABBEF) Hex(6C7878) Hex(00B8B8) Hex(003838)

	Hex(8AEFED)	Hex(7DFFFF)	Hex(8ABBEF)	Hex(6C7878)	Hex(00B8B8)	Hex(003838)
Hex(8AEFED)		Ratio: 1.13 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 9.64 Passed ⁶
Hex(7DFFFF)	Ratio: 1.13 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 10.86 Passed ⁶
Hex(8ABBEF)	Ratio: 1.50 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 6.43 AA ¹ AAA 18pt ⁴
Hex(6C7878)	Ratio: 3.41 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 2.27 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(00B8B8)	Ratio: 1.83 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(003838)	Ratio: 9.64 Passed ⁶	Ratio: 10.86 Passed ⁶	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 2.83 Failed ⁵	Ratio: 5.27 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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