

Converting Colors - WCAG Matrix

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

Hex(006C6C) Hex(B9FFFF) Hex(4BA0A0) Hex(67BBBB) Hex(83D7D6) Hex(A0F4F3)

Hex(006C6C)		Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.76 AA 18pt ² Ratio: 4.98 AA ¹ AAA 18pt ⁴
Hex(B9FFFF)	Ratio: 5.60 AA ¹ AAA 18pt ⁴		Ratio: 2.75 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵ Ratio: 1.12 Failed ⁵
Hex(4BA0A0)	Ratio: 2.03 Failed ⁵	Ratio: 2.75 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵ Ratio: 2.45 Failed ⁵
Hex(67BBBB)	Ratio: 2.80 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵ Ratio: 1.78 Failed ⁵
Hex(83D7D6)	Ratio: 3.76 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(A0F4F3)	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵

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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