

Converting Colors - WCAG Matrix

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

Hex(00FFB3) Hex(00CCFF) Hex(73807C) Hex(00BF86) Hex(00402D)

	Hex(00FFB3)	Hex(00CCFF)	Hex(73807C)	Hex(00BF86)	Hex(00402D)
Hex(00FFB3)		Ratio: 1.44 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 9.01 Passed ⁶
Hex(00CCFF)	Ratio: 1.44 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 6.26 AA ¹ AAA 18pt ⁴
Hex(73807C)	Ratio: 3.12 AA 18pt ²	Ratio: 2.17 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(00BF86)	Ratio: 1.81 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(00402D)	Ratio: 9.01 Passed ⁶	Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 2.88 Failed ⁵	Ratio: 4.97 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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