

Converting Colors - WCAG Matrix

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

Hex(71B9C8) Hex(7AE8FF) Hex(718EC8) Hex(5A6263) Hex(0087A3) Hex(001E24)

	Hex(71B9C8)	Hex(7AE8FF)	Hex(718EC8)	Hex(5A6263)	Hex(0087A3)	Hex(001E24)
Hex(71B9C8)		Ratio: 1.56 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 7.82 Passed ⁶
Hex(7AE8FF)	Ratio: 1.56 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 12.23 Passed ⁶
Hex(718EC8)	Ratio: 1.48 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 5.29 AA ¹ AAA 18pt ⁴
Hex(5A6263)	Ratio: 2.82 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 1.91 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(0087A3)	Ratio: 1.90 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 4.12 AA 18pt ²
Hex(001E24)	Ratio: 7.82 Passed ⁶	Ratio: 12.23 Passed ⁶	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 2.78 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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