

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(6CD2C8) Hex(6BFFF1) Hex(6CA9D2) Hex(5E6968) Hex(00A898) Hex(002925)

| | | | | | | |
|--------------------|---|---|---|---|---|---|
| Hex(6CD2C8) | | Ratio: 1.47 Failed ⁵ | Ratio: 1.42 Failed ⁵ | Ratio: 3.16 AA 18pt ² | Ratio: 1.66 Failed ⁵ | Ratio: 8.70 Passed ⁶ |
| Hex(6BFFF1) | Ratio: 1.47 Failed ⁵ | | Ratio: 2.09 Failed ⁵ | Ratio: 4.65 AA ¹ AAA 18pt ⁴ | Ratio: 2.44 Failed ⁵ | Ratio: 12.80 Passed ⁶ |
| Hex(6CA9D2) | Ratio: 1.42 Failed ⁵ | Ratio: 2.09 Failed ⁵ | | Ratio: 2.23 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 6.13 AA ¹ AAA 18pt ⁴ |
| Hex(5E6968) | Ratio: 3.16 AA 18pt ² | Ratio: 4.65 AA ¹ AAA 18pt ⁴ | Ratio: 2.23 Failed ⁵ | | Ratio: 1.91 Failed ⁵ | Ratio: 2.75 Failed ⁵ |
| Hex(00A898) | Ratio: 1.66 Failed ⁵ | Ratio: 2.44 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 1.91 Failed ⁵ | | Ratio: 5.25 AA ¹ AAA 18pt ⁴ |
| Hex(002925) | Ratio: 8.70 Passed ⁶ | Ratio: 12.80 Passed ⁶ | Ratio: 6.13 AA ¹ AAA 18pt ⁴ | Ratio: 2.75 Failed ⁵ | Ratio: 5.25 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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