

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7981C2) Hex(8B96FC) Hex(9579C2) Hex(575861) Hex(0010A1) Hex(000321)

| | | | | | | |
|--------------------|---|---|---|---|---|---|
| Hex(7981C2) | | Ratio: 1.37 Failed⁵ | Ratio: 1.01 Failed⁵ | Ratio: 1.93 Failed⁵ | Ratio: 3.61 AA 18pt² | Ratio: 5.54 AA¹ AAA 18pt⁴ |
| Hex(8B96FC) | Ratio: 1.37 Failed⁵ | | Ratio: 1.36 Failed⁵ | Ratio: 2.65 Failed⁵ | Ratio: 4.95 AA¹ AAA 18pt⁴ | Ratio: 7.60 Passed⁶ |
| Hex(9579C2) | Ratio: 1.01 Failed⁵ | Ratio: 1.36 Failed⁵ | | Ratio: 1.95 Failed⁵ | Ratio: 3.65 AA 18pt² | Ratio: 5.60 AA¹ AAA 18pt⁴ |
| Hex(575861) | Ratio: 1.93 Failed⁵ | Ratio: 2.65 Failed⁵ | Ratio: 1.95 Failed⁵ | | Ratio: 1.87 Failed⁵ | Ratio: 2.87 Failed⁵ |
| Hex(0010A1) | Ratio: 3.61 AA 18pt² | Ratio: 4.95 AA¹ AAA 18pt⁴ | Ratio: 3.65 AA 18pt² | Ratio: 1.87 Failed⁵ | | Ratio: 1.54 Failed⁵ |
| Hex(000321) | Ratio: 5.54 AA¹ AAA 18pt⁴ | Ratio: 7.60 Passed⁶ | Ratio: 5.60 AA¹ AAA 18pt⁴ | Ratio: 2.87 Failed⁵ | Ratio: 1.54 Failed⁵ | |

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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