

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(66FF8C) Hex(47FF75) Hex(66FFD6) Hex(738076) Hex(00BF2F) Hex(004010)

| | | | | | | |
|--------------------|---|---|---|---|---|---|
| | | | | | | |
| Hex(66FF8C) | | Ratio: 1.03 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 3.20 AA 18pt ² | Ratio: 1.91 Failed ⁵ | Ratio: 9.33 Passed ⁶ |
| Hex(47FF75) | Ratio: 1.03 Failed ⁵ | | Ratio: 1.06 Failed ⁵ | Ratio: 3.12 AA 18pt ² | Ratio: 1.86 Failed ⁵ | Ratio: 9.09 Passed ⁶ |
| Hex(66FFD6) | Ratio: 1.04 Failed ⁵ | Ratio: 1.06 Failed ⁵ | | Ratio: 3.32 AA 18pt ² | Ratio: 1.98 Failed ⁵ | Ratio: 9.67 Passed ⁶ |
| Hex(738076) | Ratio: 3.20 AA 18pt ² | Ratio: 3.12 AA 18pt ² | Ratio: 3.32 AA 18pt ² | | Ratio: 1.67 Failed ⁵ | Ratio: 2.92 Failed ⁵ |
| Hex(00BF2F) | Ratio: 1.91 Failed ⁵ | Ratio: 1.86 Failed ⁵ | Ratio: 1.98 Failed ⁵ | Ratio: 1.67 Failed ⁵ | | Ratio: 4.88 AA ¹ AAA 18pt ⁴ |
| Hex(004010) | Ratio: 9.33 Passed ⁶ | Ratio: 9.09 Passed ⁶ | Ratio: 9.67 Passed ⁶ | Ratio: 2.92 Failed ⁵ | Ratio: 4.88 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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