

Converting Colors - WCAG Matrix

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

Hex(ADFF9E) Hex(9BFF8A) Hex(9EFFC0) Hex(758073) Hex(1DBF00) Hex(0A4000)

| | Hex(ADFF9E) | Hex(9BFF8A) | Hex(9EFFC0) | Hex(758073) | Hex(1DBF00) | Hex(0A4000) |
|-------------|---|---|---|---|---|---|
| Hex(ADFF9E) | | Ratio: 1.03 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 3.45 AA 18pt ² | Ratio: 2.07 Failed ⁵ | Ratio: 10.06 Passed ⁶ |
| Hex(9BFF8A) | Ratio: 1.03 Failed ⁵ | | Ratio: 1.03 Failed ⁵ | Ratio: 3.35 AA 18pt ² | Ratio: 2.01 Failed ⁵ | Ratio: 9.77 Passed ⁶ |
| Hex(9EFFC0) | Ratio: 1.00 Failed ⁵ | Ratio: 1.03 Failed ⁵ | | Ratio: 3.44 AA 18pt ² | Ratio: 2.06 Failed ⁵ | Ratio: 10.03 Passed ⁶ |
| Hex(758073) | Ratio: 3.45 AA 18pt ² | Ratio: 3.35 AA 18pt ² | Ratio: 3.44 AA 18pt ² | | Ratio: 1.67 Failed ⁵ | Ratio: 2.92 Failed ⁵ |
| Hex(1DBF00) | Ratio: 2.07 Failed ⁵ | Ratio: 2.01 Failed ⁵ | Ratio: 2.06 Failed ⁵ | Ratio: 1.67 Failed ⁵ | | Ratio: 4.87 AA ¹ AAA 18pt ⁴ |
| Hex(0A4000) | Ratio: 10.06 Passed ⁶ | Ratio: 9.77 Passed ⁶ | Ratio: 10.03 Passed ⁶ | Ratio: 2.92 Failed ⁵ | Ratio: 4.87 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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