

Converting Colors - WCAG Matrix

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

| | Hex(55DD79) | Hex(00E4E7) | Hex(FF9AFF) | Hex(FF8AA2) |
|-------------|---|---|---|---|
| Hex(55DD79) | | Ratio: 1.10 <u>Failed</u> ⁵ | Ratio: 1.06 <u>Failed</u> ⁵ | Ratio: 1.28 <u>Failed</u> ⁵ |
| Hex(00E4E7) | Ratio: 1.10 <u>Failed</u> ⁵ | | Ratio: 1.17 <u>Failed</u> ⁵ | Ratio: 1.41 <u>Failed</u> ⁵ |
| Hex(FF9AFF) | Ratio: 1.06 <u>Failed</u> ⁵ | Ratio: 1.17 <u>Failed</u> ⁵ | | Ratio: 1.20 <u>Failed</u> ⁵ |
| Hex(FF8AA2) | Ratio: 1.28 <u>Failed</u> ⁵ | Ratio: 1.41 <u>Failed</u> ⁵ | Ratio: 1.20 <u>Failed</u> ⁵ | |

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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