

Converting Colors - WCAG Matrix

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

Hex(FF9EFB) Hex(FFB8FC) Hex(FFD1FD) Hex(FFEBFE) Hex(FFFFFF)

| | Hex(FF9EFB) | Hex(FFB8FC) | Hex(FFD1FD) | Hex(FFEBFE) | Hex(FFFFFF) |
|-------------|---|---|---|---|---|
| Hex(FF9EFB) | | Ratio: 1.17 Failed⁵ | Ratio: 1.37 Failed⁵ | Ratio: 1.61 Failed⁵ | Ratio: 1.82 Failed⁵ |
| Hex(FFB8FC) | Ratio: 1.17 Failed⁵ | | Ratio: 1.17 Failed⁵ | Ratio: 1.37 Failed⁵ | Ratio: 1.55 Failed⁵ |
| Hex(FFD1FD) | Ratio: 1.37 Failed⁵ | Ratio: 1.17 Failed⁵ | | Ratio: 1.18 Failed⁵ | Ratio: 1.33 Failed⁵ |
| Hex(FFEBFE) | Ratio: 1.61 Failed⁵ | Ratio: 1.37 Failed⁵ | Ratio: 1.18 Failed⁵ | | Ratio: 1.13 Failed⁵ |
| Hex(FFFFFF) | Ratio: 1.82 Failed⁵ | Ratio: 1.55 Failed⁵ | Ratio: 1.33 Failed⁵ | Ratio: 1.13 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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