

Converting Colors - WCAG Matrix

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

Hex(87DBFF) Hex(6ED4FF) Hex(54CCFF) Hex(3BC4FF) Hex(21BDFF) Hex(08B5FF) Hex(00B3FF)

| | Hex(87DBFF) | Hex(6ED4FF) | Hex(54CCFF) | Hex(3BC4FF) | Hex(21BDFF) | Hex(08B5FF) | Hex(00B3FF) |
|-------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Hex(87DBFF) | | Ratio: 1.09 Failed ⁵ | Ratio: 1.19 Failed ⁵ | Ratio: 1.29 Failed ⁵ | Ratio: 1.39 Failed ⁵ | Ratio: 1.50 Failed ⁵ | Ratio: 1.53 Failed ⁵ |
| Hex(6ED4FF) | Ratio: 1.09 Failed ⁵ | | Ratio: 1.09 Failed ⁵ | Ratio: 1.19 Failed ⁵ | Ratio: 1.28 Failed ⁵ | Ratio: 1.38 Failed ⁵ | Ratio: 1.41 Failed ⁵ |
| Hex(54CCFF) | Ratio: 1.19 Failed ⁵ | Ratio: 1.09 Failed ⁵ | | Ratio: 1.09 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 1.26 Failed ⁵ | Ratio: 1.29 Failed ⁵ |
| Hex(3BC4FF) | Ratio: 1.29 Failed ⁵ | Ratio: 1.19 Failed ⁵ | Ratio: 1.09 Failed ⁵ | | Ratio: 1.08 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 1.18 Failed ⁵ |
| Hex(21BDFF) | Ratio: 1.39 Failed ⁵ | Ratio: 1.28 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 1.08 Failed ⁵ | | Ratio: 1.08 Failed ⁵ | Ratio: 1.10 Failed ⁵ |
| Hex(08B5FF) | Ratio: 1.50 Failed ⁵ | Ratio: 1.38 Failed ⁵ | Ratio: 1.26 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 1.08 Failed ⁵ | | Ratio: 1.02 Failed ⁵ |
| Hex(00B3FF) | Ratio: 1.53 Failed ⁵ | Ratio: 1.41 Failed ⁵ | Ratio: 1.29 Failed ⁵ | Ratio: 1.18 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.02 Failed 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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