# Converting Colors - WCAG Matrix

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

| | | Hex(8000FF) | Hex(E40000) | Hex(007900) | Hex(0084EC) |
|---|---|---|---|---|---|
| **Hex(8000FF)** | | | Ratio: 1.28<br>Failed [5] | Ratio: 1.11<br>Failed [5] | Ratio: 1.64<br>Failed [5] |
| **Hex(E40000)** | | Ratio: 1.28<br>Failed [5] | | Ratio: 1.15<br>Failed [5] | Ratio: 1.28<br>Failed [5] |
| **Hex(007900)** | | Ratio: 1.11<br>Failed [5] | Ratio: 1.15<br>Failed [5] | | Ratio: 1.48<br>Failed [5] |
| **Hex(0084EC)** | | Ratio: 1.64<br>Failed [5] | Ratio: 1.28<br>Failed [5] | Ratio: 1.48<br>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.

This PDF was generated on convertingcolors.com.