# Converting Colors - WCAG Matrix

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

| | | Hex(030303) | Hex(030202) | Hex(030101) | Hex(030000) |
|---|---|---|---|---|---|
| **Hex(030303)** | | | Ratio: 1.00<br>Failed [5] | Ratio: 1.01<br>Failed [5] | Ratio: 1.01<br>Failed [5] |
| **Hex(030202)** | | Ratio: 1.00<br>Failed [5] | | Ratio: 1.00<br>Failed [5] | Ratio: 1.01<br>Failed [5] |
| **Hex(030101)** | | Ratio: 1.01<br>Failed [5] | Ratio: 1.00<br>Failed [5] | | Ratio: 1.00<br>Failed [5] |
| **Hex(030000)** | | Ratio: 1.01<br>Failed [5] | Ratio: 1.01<br>Failed [5] | Ratio: 1.00<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.

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