

Converting Colors - WCAG Matrix

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

| | Hex(00D02) | Hex(01D03) | Hex(03D04) | Hex(04D05) | Hex(05D06) | Hex(07D07) | Hex(08D08) | Hex(09D0A) | Hex(0A0D0B) | Hex(0C0D0C) |
|-------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Hex(00D02) | | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.02 Failed ⁵ | Ratio: 1.02 Failed ⁵ |
| Hex(01D03) | Ratio: 1.00 Failed ⁵ | | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.02 Failed ⁵ |
| Hex(03D04) | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ |
| Hex(04D05) | Ratio: 1.01 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ |
| Hex(05D06) | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ |
| Hex(07D07) | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ |
| Hex(08D08) | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.01 Failed ⁵ |
| Hex(09D0A) | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ |
| Hex(0A0D0B) | Ratio: 1.02 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 Failed ⁵ | | Ratio: 1.00 Failed ⁵ |
| Hex(0C0D0C) | Ratio: 1.02 Failed ⁵ | Ratio: 1.02 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.00 Failed ⁵ | Ratio: 1.00 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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