

Converting Colors - WCAG Matrix

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

| | Hex(DCEF46) | Hex(DFEF5E) | Hex(E1EF76) | Hex(E4EF8E) | Hex(E7EFA6) | Hex(E9EFBD) | Hex(ECEF5D) | Hex(EFEFED) | Hex(F1EFFF) | Hex(F4EFFF) |
|-------------|--|--|--|--|--|--|--|--|--|--|
| Hex(DCEF46) | | Ratio: 1.01 Failed ⁵ | Ratio: 1.02 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.08 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.12 Failed ⁵ | Ratio: 1.13 Failed ⁵ |
| Hex(DFEF5E) | Ratio: 1.01 Failed ⁵ | | Ratio: 1.01 Failed ⁵ | Ratio: 1.02 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.12 Failed ⁵ |
| Hex(E1EF76) | Ratio: 1.02 Failed ⁵ | Ratio: 1.01 Failed ⁵ | | Ratio: 1.01 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.11 Failed ⁵ |
| Hex(E4EF8E) | Ratio: 1.03 Failed ⁵ | Ratio: 1.02 Failed ⁵ | Ratio: 1.01 Failed ⁵ | | Ratio: 1.02 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.09 Failed ⁵ |
| Hex(E7EFA6) | Ratio: 1.05 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.02 Failed ⁵ | | Ratio: 1.01 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 1.08 Failed ⁵ |
| Hex(E9EFBD) | Ratio: 1.06 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.01 Failed ⁵ | | Ratio: 1.02 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.06 Failed ⁵ |
| Hex(ECEF5D) | Ratio: 1.08 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.02 Failed ⁵ | | Ratio: 1.02 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.04 Failed ⁵ |
| Hex(EFEFED) | Ratio: 1.11 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.02 Failed ⁵ | | Ratio: 1.02 Failed ⁵ | Ratio: 1.02 Failed ⁵ |
| Hex(F1EFFF) | Ratio: 1.12 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.02 Failed ⁵ | | Ratio: 1.01 Failed ⁵ |
| Hex(F4EFFF) | Ratio: 1.13 Failed ⁵ | Ratio: 1.12 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.08 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.02 Failed ⁵ | Ratio: 1.01 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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