

Converting Colors - WCAG Matrix

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

| | Hex(5DA700) | Hex(64A711) | Hex(6CA721) | Hex(73A732) | Hex(7AA743) | Hex(82A753) | Hex(89A764) | Hex(91A775) | Hex(98A786) | Hex(A0A796) |
|-------------|--|--|--|--|--|--|--|--|--|--|
| Hex(5DA700) | | 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: 1.11 Failed ⁵ | Ratio: 1.14 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 1.21 Failed ⁵ |
| Hex(64A711) | 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: 1.10 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 1.20 Failed ⁵ |
| Hex(6CA721) | Ratio: 1.03 Failed ⁵ | Ratio: 1.02 Failed ⁵ | | Ratio: 1.02 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.08 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.14 Failed ⁵ | Ratio: 1.18 Failed ⁵ |
| Hex(73A732) | Ratio: 1.04 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.02 Failed ⁵ | | Ratio: 1.02 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.12 Failed ⁵ | Ratio: 1.16 Failed ⁵ |
| Hex(7AA743) | 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: 1.05 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.14 Failed ⁵ |
| Hex(82A753) | 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: 1.02 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.08 Failed ⁵ | Ratio: 1.11 Failed ⁵ |
| Hex(89A764) | Ratio: 1.11 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.08 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.02 Failed ⁵ | | Ratio: 1.03 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.09 Failed ⁵ |
| Hex(91A775) | Ratio: 1.14 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.03 Failed ⁵ | | Ratio: 1.03 Failed ⁵ | Ratio: 1.06 Failed ⁵ |
| Hex(98A786) | Ratio: 1.17 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 1.14 Failed ⁵ | Ratio: 1.12 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.08 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.03 Failed ⁵ | | Ratio: 1.03 Failed ⁵ |
| Hex(A0A796) | Ratio: 1.21 Failed ⁵ | Ratio: 1.20 Failed ⁵ | Ratio: 1.18 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 1.14 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.03 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.