

Converting Colors - WCAG Matrix

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

| | Hex(6D5B7A) | Hex(72677A) | Hex(77737A) | Hex(7C7F7A) | Hex(828C7A) | Hex(87987A) | Hex(8CA47A) | Hex(91B07A) | Hex(96BC7A) | Hex(9CC97A) |
|-------------|-------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|
| Hex(6D5B7A) | | Ratio: 1.15 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.51 Failed ⁵ | Ratio: 1.74 Failed ⁵ | Ratio: 1.98 Failed ⁵ | Ratio: 2.25 Failed ⁵ | Ratio: 2.54 Failed ⁵ | Ratio: 2.85 Failed ⁵ | Ratio: 3.22 AA 18pt ² |
| Hex(72677A) | Ratio: 1.15 Failed ⁵ | | Ratio: 1.15 Failed ⁵ | Ratio: 1.31 Failed ⁵ | Ratio: 1.52 Failed ⁵ | Ratio: 1.73 Failed ⁵ | Ratio: 1.96 Failed ⁵ | Ratio: 2.21 Failed ⁵ | Ratio: 2.48 Failed ⁵ | Ratio: 2.81 Failed ⁵ |
| Hex(77737A) | Ratio: 1.32 Failed ⁵ | Ratio: 1.15 Failed ⁵ | | Ratio: 1.15 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.51 Failed ⁵ | Ratio: 1.71 Failed ⁵ | Ratio: 1.92 Failed ⁵ | Ratio: 2.16 Failed ⁵ | Ratio: 2.45 Failed ⁵ |
| Hex(7C7F7A) | Ratio: 1.51 Failed ⁵ | Ratio: 1.31 Failed ⁵ | Ratio: 1.15 Failed ⁵ | | Ratio: 1.16 Failed ⁵ | Ratio: 1.31 Failed ⁵ | Ratio: 1.49 Failed ⁵ | Ratio: 1.68 Failed ⁵ | Ratio: 1.89 Failed ⁵ | Ratio: 2.14 Failed ⁵ |
| Hex(828C7A) | Ratio: 1.74 Failed ⁵ | Ratio: 1.52 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.16 Failed ⁵ | | Ratio: 1.14 Failed ⁵ | Ratio: 1.29 Failed ⁵ | Ratio: 1.45 Failed ⁵ | Ratio: 1.63 Failed ⁵ | Ratio: 1.85 Failed ⁵ |
| Hex(87987A) | Ratio: 1.98 Failed ⁵ | Ratio: 1.73 Failed ⁵ | Ratio: 1.51 Failed ⁵ | Ratio: 1.31 Failed ⁵ | Ratio: 1.14 Failed ⁵ | | Ratio: 1.13 Failed ⁵ | Ratio: 1.28 Failed ⁵ | Ratio: 1.44 Failed ⁵ | Ratio: 1.62 Failed ⁵ |
| Hex(8CA47A) | Ratio: 2.25 Failed ⁵ | Ratio: 1.96 Failed ⁵ | Ratio: 1.71 Failed ⁵ | Ratio: 1.49 Failed ⁵ | Ratio: 1.29 Failed ⁵ | Ratio: 1.13 Failed ⁵ | | Ratio: 1.13 Failed ⁵ | Ratio: 1.27 Failed ⁵ | Ratio: 1.43 Failed ⁵ |
| Hex(91B07A) | Ratio: 2.54 Failed ⁵ | Ratio: 2.21 Failed ⁵ | Ratio: 1.92 Failed ⁵ | Ratio: 1.68 Failed ⁵ | Ratio: 1.45 Failed ⁵ | Ratio: 1.28 Failed ⁵ | Ratio: 1.13 Failed ⁵ | | Ratio: 1.12 Failed ⁵ | Ratio: 1.27 Failed ⁵ |
| Hex(96BC7A) | Ratio: 2.85 Failed ⁵ | Ratio: 2.48 Failed ⁵ | Ratio: 2.16 Failed ⁵ | Ratio: 1.89 Failed ⁵ | Ratio: 1.63 Failed ⁵ | Ratio: 1.44 Failed ⁵ | Ratio: 1.27 Failed ⁵ | Ratio: 1.12 Failed ⁵ | | Ratio: 1.13 Failed ⁵ |
| Hex(9CC97A) | Ratio: 3.22 AA 18pt ² | Ratio: 2.81 Failed ⁵ | Ratio: 2.45 Failed ⁵ | Ratio: 2.14 Failed ⁵ | Ratio: 1.85 Failed ⁵ | Ratio: 1.62 Failed ⁵ | Ratio: 1.43 Failed ⁵ | Ratio: 1.27 Failed ⁵ | Ratio: 1.13 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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