

Converting Colors - WCAG Matrix

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

Hex(4B4736) Hex(FFFFFF) Hex(7C7765) Hex(96917E) Hex(B0AB98) Hex(CCC7B3) Hex(E8E3CE) Hex(FFFEEA)

| | Hex(4B4736) | Hex(FFFFFF) | Hex(7C7765) | Hex(96917E) | Hex(B0AB98) | Hex(CCC7B3) | Hex(E8E3CE) | Hex(FFFEEA) |
|-------------|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|
| Hex(4B4736) | | Ratio: 9.32 Passed ⁶ | Ratio: 2.08 Failed ⁵ | Ratio: 2.95 Failed ⁵ | Ratio: 4.05 AA 18pt ² | Ratio: 5.50 AA ¹ AAA 18pt ⁴ | Ratio: 7.24 Passed ⁶ | Ratio: 9.20 Passed ⁶ |
| Hex(FFFFFF) | Ratio: 9.32 Passed ⁶ | | Ratio: 4.48 AA 18pt ² | Ratio: 3.16 AA 18pt ² | Ratio: 2.30 Failed ⁵ | Ratio: 1.70 Failed ⁵ | Ratio: 1.29 Failed ⁵ | Ratio: 1.01 Failed ⁵ |
| Hex(7C7765) | Ratio: 2.08 Failed ⁵ | Ratio: 4.48 AA 18pt ² | | Ratio: 1.42 Failed ⁵ | Ratio: 1.95 Failed ⁵ | Ratio: 2.64 Failed ⁵ | Ratio: 3.48 AA 18pt ² | Ratio: 4.43 AA 18pt ² |
| Hex(96917E) | Ratio: 2.95 Failed ⁵ | Ratio: 3.16 AA 18pt ² | Ratio: 1.42 Failed ⁵ | | Ratio: 1.37 Failed ⁵ | Ratio: 1.86 Failed ⁵ | Ratio: 2.45 Failed ⁵ | Ratio: 3.12 AA 18pt ² |
| Hex(B0AB98) | Ratio: 4.05 AA 18pt ² | Ratio: 2.30 Failed ⁵ | Ratio: 1.95 Failed ⁵ | Ratio: 1.37 Failed ⁵ | | Ratio: 1.36 Failed ⁵ | Ratio: 1.79 Failed ⁵ | Ratio: 2.27 Failed ⁵ |
| Hex(CCC7B3) | Ratio: 5.50 AA ¹ AAA 18pt ⁴ | Ratio: 1.70 Failed ⁵ | Ratio: 2.64 Failed ⁵ | Ratio: 1.86 Failed ⁵ | Ratio: 1.36 Failed ⁵ | | Ratio: 1.32 Failed ⁵ | Ratio: 1.67 Failed ⁵ |
| Hex(E8E3CE) | Ratio: 7.24 Passed ⁶ | Ratio: 1.29 Failed ⁵ | Ratio: 3.48 AA 18pt ² | Ratio: 2.45 Failed ⁵ | Ratio: 1.79 Failed ⁵ | Ratio: 1.32 Failed ⁵ | | Ratio: 1.27 Failed ⁵ |
| Hex(FFFEEA) | Ratio: 9.20 Passed ⁶ | Ratio: 1.01 Failed ⁵ | Ratio: 4.43 AA 18pt ² | Ratio: 3.12 AA 18pt ² | Ratio: 2.27 Failed ⁵ | Ratio: 1.67 Failed ⁵ | Ratio: 1.27 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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