

Converting Colors - WCAG Matrix

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

Hex(CD9287) Hex(FFE9E6) Hex(CD87C3) Hex(807370) Hex(000000) Hex(808080)

| | | | | | |
|-------------|--|---|---|---|---|
| | | | | | |
| Hex(CD9287) | Ratio: 2.24 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.75 Failed ⁵ | Ratio: 8.06 Passed ⁶ | Ratio: 1.52 Failed ⁵ |
| Hex(FFE9E6) | Ratio: 2.24 Failed ⁵ | Ratio: 2.30 Failed ⁵ | Ratio: 3.92 AA 18pt ² | Ratio: 18.05 Passed ⁶ | Ratio: 3.39 AA 18pt ² |
| Hex(CD87C3) | Ratio: 1.03 Failed ⁵ | Ratio: 2.30 Failed ⁵ | Ratio: 1.70 Failed ⁵ | Ratio: 7.85 Passed ⁶ | Ratio: 1.48 Failed ⁵ |
| Hex(807370) | Ratio: 1.75 Failed ⁵ | Ratio: 3.92 AA 18pt ² | Ratio: 1.70 Failed ⁵ | Ratio: 4.60 AA ¹ AAA 18pt ⁴ | Ratio: 1.15 Failed ⁵ |
| Hex(000000) | Ratio: 8.06 Passed ⁶ | Ratio: 18.05 Passed ⁶ | Ratio: 7.85 Passed ⁶ | Ratio: 4.60 AA ¹ AAA 18pt ⁴ | Ratio: 5.32 AA ¹ AAA 18pt ⁴ |
| Hex(808080) | Ratio: 1.52 Failed ⁵ | Ratio: 3.39 AA 18pt ² | Ratio: 1.48 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 5.32 AA ¹ AAA 18pt ⁴ |

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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