

Converting Colors - WCAG Matrix

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

Hex(D1A37A) Hex(FFEFE0) Hex(D17AA8) Hex(80766E) Hex(000000) Hex(808080)

| | | | | | | |
|-------------|------------------------------------|-------------------------------------|------------------------------------|---|---|---|
| | | | | | | |
| Hex(D1A37A) | Ratio: 2.02 Failed ⁵ | Ratio: 1.31 Failed ⁵ | Ratio: 1.95 Failed ⁵ | Ratio: 9.23 Passed ⁶ | Ratio: 1.74 Failed ⁵ | |
| Hex(FFEFE0) | Ratio: 2.02 Failed ⁵ | | Ratio: 2.65 Failed ⁵ | Ratio: 3.94 AA 18pt ² | Ratio: 18.68 Passed ⁶ | Ratio: 3.51 AA 18pt ² |
| Hex(D17AA8) | Ratio: 1.31 Failed ⁵ | Ratio: 2.65 Failed ⁵ | | Ratio: 1.49 Failed ⁵ | Ratio: 7.06 Passed ⁶ | Ratio: 1.33 Failed ⁵ |
| Hex(80766E) | Ratio: 1.95 Failed ⁵ | Ratio: 3.94 AA 18pt ² | Ratio: 1.49 Failed ⁵ | | Ratio: 4.73 AA ¹ AAA 18pt ⁴ | Ratio: 1.12 Failed ⁵ |
| Hex(000000) | Ratio: 9.23 Passed ⁶ | Ratio: 18.68 Passed ⁶ | Ratio: 7.06 Passed ⁶ | Ratio: 4.73 AA ¹ AAA 18pt ⁴ | | Ratio: 5.32 AA ¹ AAA 18pt ⁴ |
| Hex(808080) | Ratio: 1.74 Failed ⁵ | Ratio: 3.51 AA 18pt ² | Ratio: 1.33 Failed ⁵ | Ratio: 1.12 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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