

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(D0AE62) Hex(FFF2D6) Hex(D06285) Hex(807867) Hex(000000) Hex(808080)

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|--------------------|----------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Hex(D0AE62) | | Ratio: 1.91 Failed ⁵ | Ratio: 1.72 Failed ⁵ | Ratio: 2.07 Failed ⁵ | Ratio: 9.91 Passed ⁶ | Ratio: 1.86 Failed ⁵ |
| Hex(FFF2D6) | Ratio: 1.91 Failed ⁵ | | Ratio: 3.28 AA 18pt ² | Ratio: 3.94 AA 18pt ² | Ratio: 18.92 Passed ⁶ | Ratio: 3.56 AA 18pt ² |
| Hex(D06285) | Ratio: 1.72 Failed ⁵ | Ratio: 3.28 AA 18pt ² | | Ratio: 1.20 Failed ⁵ | Ratio: 5.77 AA ¹ AAA 18pt ⁴ | Ratio: 1.08 Failed ⁵ |
| Hex(807867) | Ratio: 2.07 Failed ⁵ | Ratio: 3.94 AA 18pt ² | Ratio: 1.20 Failed ⁵ | | Ratio: 4.80 AA ¹ AAA 18pt ⁴ | Ratio: 1.11 Failed ⁵ |
| Hex(000000) | Ratio: 9.91 Passed ⁶ | Ratio: 18.92 Passed ⁶ | Ratio: 5.77 AA ¹ AAA 18pt ⁴ | Ratio: 4.80 AA ¹ AAA 18pt ⁴ | | Ratio: 5.32 AA ¹ AAA 18pt ⁴ |
| Hex(808080) | Ratio: 1.86 Failed ⁵ | Ratio: 3.56 AA 18pt ² | Ratio: 1.08 Failed ⁵ | Ratio: 1.11 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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