

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C9B441) Hex(FFDF30) Hex(9CC941) Hex(63625A) Hex(A38A00) Hex(241E00)

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|--------------------|--|---|---|---|---|---|
| Hex(C9B441) | | Ratio: 1.57 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 2.95 Failed ⁵ | Ratio: 1.63 Failed ⁵ | Ratio: 8.00 Passed ⁶ |
| Hex(FFDF30) | Ratio: 1.57 Failed ⁵ | | Ratio: 1.46 Failed ⁵ | Ratio: 4.63 AA ¹ AAA 18pt ⁴ | Ratio: 2.56 Failed ⁵ | Ratio: 12.57 Passed ⁶ |
| Hex(9CC941) | Ratio: 1.07 Failed ⁵ | Ratio: 1.46 Failed ⁵ | | Ratio: 3.17 AA 18pt ² | Ratio: 1.75 Failed ⁵ | Ratio: 8.60 Passed ⁶ |
| Hex(63625A) | Ratio: 2.95 Failed ⁵ | Ratio: 4.63 AA ¹ AAA 18pt ⁴ | Ratio: 3.17 AA 18pt ² | | Ratio: 1.81 Failed ⁵ | Ratio: 2.72 Failed ⁵ |
| Hex(A38A00) | Ratio: 1.63 Failed ⁵ | Ratio: 2.56 Failed ⁵ | Ratio: 1.75 Failed ⁵ | Ratio: 1.81 Failed ⁵ | | Ratio: 4.91 AA ¹ AAA 18pt ⁴ |
| Hex(241E00) | Ratio: 8.00 Passed ⁶ | Ratio: 12.57 Passed ⁶ | Ratio: 8.60 Passed ⁶ | Ratio: 2.72 Failed ⁵ | Ratio: 4.91 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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