

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(857346) Hex(AD914B) Hex(788546) Hex(42403C) Hex(825D00) Hex(030200)

| | | | | | | |
|--------------------|---|---|---|---|---|---|
| Hex(857346) | | Ratio: 1.53 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 2.24 Failed ⁵ | Ratio: 1.29 Failed ⁵ | Ratio: 4.48 AA 18pt ² |
| Hex(AD914B) | Ratio: 1.53 Failed ⁵ | | Ratio: 1.32 Failed ⁵ | Ratio: 3.41 AA 18pt ² | Ratio: 1.97 Failed ⁵ | Ratio: 6.84 AA ¹ AAA 18pt ⁴ |
| Hex(788546) | Ratio: 1.16 Failed ⁵ | Ratio: 1.32 Failed ⁵ | | Ratio: 2.58 Failed ⁵ | Ratio: 1.49 Failed ⁵ | Ratio: 5.18 AA ¹ AAA 18pt ⁴ |
| Hex(42403C) | Ratio: 2.24 Failed ⁵ | Ratio: 3.41 AA 18pt ² | Ratio: 2.58 Failed ⁵ | | Ratio: 1.73 Failed ⁵ | Ratio: 2.00 Failed ⁵ |
| Hex(825D00) | Ratio: 1.29 Failed ⁵ | Ratio: 1.97 Failed ⁵ | Ratio: 1.49 Failed ⁵ | Ratio: 1.73 Failed ⁵ | | Ratio: 3.47 AA 18pt ² |
| Hex(030200) | Ratio: 4.48 AA 18pt ² | Ratio: 6.84 AA ¹ AAA 18pt ⁴ | Ratio: 5.18 AA ¹ AAA 18pt ⁴ | Ratio: 2.00 Failed ⁵ | Ratio: 3.47 AA 18pt ² | |

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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