

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(A76690) Hex(D973B6) Hex(A79C66) Hex(544C51) Hex(940061) Hex(14000D)

| | Hex(A76690) | Hex(D973B6) | Hex(A79C66) | Hex(544C51) | Hex(940061) | Hex(14000D) |
|-------------|---|---|---|---|---|---|
| Hex(A76690) | | Ratio: 1.43 Failed ⁵ | Ratio: 1.53 Failed ⁵ | Ratio: 1.96 Failed ⁵ | Ratio: 2.03 Failed ⁵ | Ratio: 4.78 AA ¹ AAA 18pt ⁴ |
| Hex(D973B6) | Ratio: 1.43 Failed ⁵ | | Ratio: 1.07 Failed ⁵ | Ratio: 2.80 Failed ⁵ | Ratio: 2.91 Failed ⁵ | Ratio: 6.83 AA ¹ AAA 18pt ⁴ |
| Hex(A79C66) | Ratio: 1.53 Failed ⁵ | Ratio: 1.07 Failed ⁵ | | Ratio: 3.00 AA 18pt ² | Ratio: 3.12 AA 18pt ² | Ratio: 7.33 Passed ⁶ |
| Hex(544C51) | Ratio: 1.96 Failed ⁵ | Ratio: 2.80 Failed ⁵ | Ratio: 3.00 AA 18pt ² | | Ratio: 1.04 Failed ⁵ | Ratio: 2.44 Failed ⁵ |
| Hex(940061) | Ratio: 2.03 Failed ⁵ | Ratio: 2.91 Failed ⁵ | Ratio: 3.12 AA 18pt ² | Ratio: 1.04 Failed ⁵ | | Ratio: 2.35 Failed ⁵ |
| Hex(14000D) | Ratio: 4.78 AA ¹ AAA 18pt ⁴ | Ratio: 6.83 AA ¹ AAA 18pt ⁴ | Ratio: 7.33 Passed ⁶ | Ratio: 2.44 Failed ⁵ | Ratio: 2.35 Failed ⁵ | |

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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