

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(946141) Hex(BFAB9F) Hex(944174) Hex(61554E) Hex(E0E0E0) Hex(616161)

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|--------------------|---|---|---|---|---|---|
| Hex(946141) | | Ratio: 2.36 Failed ⁵ | Ratio: 1.24 Failed ⁵ | Ratio: 1.39 Failed ⁵ | Ratio: 3.93 AA 18pt ² | Ratio: 1.19 Failed ⁵ |
| Hex(BFAB9F) | Ratio: 2.36 Failed ⁵ | | Ratio: 2.92 Failed ⁵ | Ratio: 3.27 AA 18pt ² | Ratio: 1.67 Failed ⁵ | Ratio: 2.81 Failed ⁵ |
| Hex(944174) | Ratio: 1.24 Failed ⁵ | Ratio: 2.92 Failed ⁵ | | Ratio: 1.12 Failed ⁵ | Ratio: 4.87 AA ¹ AAA 18pt ⁴ | Ratio: 1.04 Failed ⁵ |
| Hex(61554E) | Ratio: 1.39 Failed ⁵ | Ratio: 3.27 AA 18pt ² | Ratio: 1.12 Failed ⁵ | | Ratio: 5.45 AA ¹ AAA 18pt ⁴ | Ratio: 1.16 Failed ⁵ |
| Hex(E0E0E0) | Ratio: 3.93 AA 18pt ² | Ratio: 1.67 Failed ⁵ | Ratio: 4.87 AA ¹ AAA 18pt ⁴ | Ratio: 5.45 AA ¹ AAA 18pt ⁴ | | Ratio: 4.69 AA ¹ AAA 18pt ⁴ |
| Hex(616161) | Ratio: 1.19 Failed ⁵ | Ratio: 2.81 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 4.69 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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