

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(92A09F) Hex(CBD1D1) Hex(93A092) Hex(646968) Hex(E8E8E8) Hex(696969)

| | Hex(92A09F) | Hex(CBD1D1) | Hex(93A092) | Hex(646968) | Hex(E8E8E8) | Hex(696969) |
|-------------|--|---|--|---|---|---|
| Hex(92A09F) | | Ratio: 1.75 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 2.06 Failed ⁵ | Ratio: 2.21 Failed ⁵ | Ratio: 2.03 Failed ⁵ |
| Hex(CBD1D1) | Ratio: 1.75 Failed ⁵ | | Ratio: 1.77 Failed ⁵ | Ratio: 3.61 AA 18pt ² | Ratio: 1.26 Failed ⁵ | Ratio: 3.55 AA 18pt ² |
| Hex(93A092) | Ratio: 1.01 Failed ⁵ | Ratio: 1.77 Failed ⁵ | | Ratio: 2.04 Failed ⁵ | Ratio: 2.23 Failed ⁵ | Ratio: 2.01 Failed ⁵ |
| Hex(646968) | Ratio: 2.06 Failed ⁵ | Ratio: 3.61 AA 18pt ² | Ratio: 2.04 Failed ⁵ | | Ratio: 4.56 AA ¹ AAA 18pt ⁴ | Ratio: 1.02 Failed ⁵ |
| Hex(E8E8E8) | Ratio: 2.21 Failed ⁵ | Ratio: 1.26 Failed ⁵ | Ratio: 2.23 Failed ⁵ | Ratio: 4.56 AA ¹ AAA 18pt ⁴ | | Ratio: 4.48 AA 18pt ² |
| Hex(696969) | Ratio: 2.03 Failed ⁵ | Ratio: 3.55 AA 18pt ² | Ratio: 2.01 Failed ⁵ | Ratio: 1.02 Failed ⁵ | Ratio: 4.48 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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