

Converting Colors - WCAG Matrix

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

| | Hex(8EB6BE) | Hex(A1B9BE) | Hex(B4BCBE) | Hex(C7C0BE) | Hex(DAC3BE) | Hex(EDC6BE) | Hex(FFC9BE) | Hex(FFCCBE) | Hex(FFCFBE) | Hex(FFD3BE) |
|-------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Hex(8EB6BE) | | Ratio: 1.06 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.22 Failed ⁵ | Ratio: 1.31 Failed ⁵ | Ratio: 1.40 Failed ⁵ | Ratio: 1.50 Failed ⁵ | Ratio: 1.53 Failed ⁵ | Ratio: 1.56 Failed ⁵ | Ratio: 1.60 Failed ⁵ |
| Hex(A1B9BE) | Ratio: 1.06 Failed ⁵ | | Ratio: 1.07 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.23 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.41 Failed ⁵ | Ratio: 1.43 Failed ⁵ | Ratio: 1.46 Failed ⁵ | Ratio: 1.50 Failed ⁵ |
| Hex(B4BCBE) | Ratio: 1.13 Failed ⁵ | Ratio: 1.07 Failed ⁵ | | Ratio: 1.08 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.23 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.35 Failed ⁵ | Ratio: 1.37 Failed ⁵ | Ratio: 1.41 Failed ⁵ |
| Hex(C7C0BE) | Ratio: 1.22 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.08 Failed ⁵ | | Ratio: 1.07 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.23 Failed ⁵ | Ratio: 1.25 Failed ⁵ | Ratio: 1.27 Failed ⁵ | Ratio: 1.31 Failed ⁵ |
| Hex(DAC3BE) | Ratio: 1.31 Failed ⁵ | Ratio: 1.23 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.07 Failed ⁵ | | Ratio: 1.07 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 1.19 Failed ⁵ | Ratio: 1.22 Failed ⁵ |
| Hex(EDC6BE) | Ratio: 1.40 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.23 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.07 Failed ⁵ | | Ratio: 1.07 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.14 Failed ⁵ |
| Hex(FFC9BE) | Ratio: 1.50 Failed ⁵ | Ratio: 1.41 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.23 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.07 Failed ⁵ | | Ratio: 1.02 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.07 Failed ⁵ |
| Hex(FFCCBE) | Ratio: 1.53 Failed ⁵ | Ratio: 1.43 Failed ⁵ | Ratio: 1.35 Failed ⁵ | Ratio: 1.25 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.02 Failed ⁵ | | Ratio: 1.02 Failed ⁵ | Ratio: 1.05 Failed ⁵ |
| Hex(FFCFBE) | Ratio: 1.56 Failed ⁵ | Ratio: 1.46 Failed ⁵ | Ratio: 1.37 Failed ⁵ | Ratio: 1.27 Failed ⁵ | Ratio: 1.19 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 1.02 Failed ⁵ | | Ratio: 1.03 Failed ⁵ |
| Hex(FFD3BE) | Ratio: 1.60 Failed ⁵ | Ratio: 1.50 Failed ⁵ | Ratio: 1.41 Failed ⁵ | Ratio: 1.31 Failed ⁵ | Ratio: 1.22 Failed ⁵ | Ratio: 1.14 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 1.05 Failed ⁵ | Ratio: 1.03 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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