

Converting Colors - WCAG Matrix

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

| | Hex(CCB37E) | Hex(CCBA92) | Hex(CCC0A6) | Hex(CCC7BB) | Hex(CCCDCF) | Hex(CCD4E4) | Hex(CCDAF8) | Hex(CCE0FF) | Hex(CCE7FF) | Hex(CCEDFF) |
|-------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Hex(CCB37E) | | Ratio: 1.07 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.21 Failed ⁵ | Ratio: 1.28 Failed ⁵ | Ratio: 1.37 Failed ⁵ | Ratio: 1.45 Failed ⁵ | Ratio: 1.52 Failed ⁵ | Ratio: 1.59 Failed ⁵ | Ratio: 1.66 Failed ⁵ |
| Hex(CCBA92) | Ratio: 1.07 Failed ⁵ | | Ratio: 1.06 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.20 Failed ⁵ | Ratio: 1.28 Failed ⁵ | Ratio: 1.36 Failed ⁵ | Ratio: 1.42 Failed ⁵ | Ratio: 1.49 Failed ⁵ | Ratio: 1.56 Failed ⁵ |
| Hex(CCC0A6) | Ratio: 1.13 Failed ⁵ | Ratio: 1.06 Failed ⁵ | | Ratio: 1.07 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.21 Failed ⁵ | Ratio: 1.28 Failed ⁵ | Ratio: 1.34 Failed ⁵ | Ratio: 1.41 Failed ⁵ | Ratio: 1.47 Failed ⁵ |
| Hex(CCC7BB) | Ratio: 1.21 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.07 Failed ⁵ | | Ratio: 1.06 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.20 Failed ⁵ | Ratio: 1.26 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.38 Failed ⁵ |
| Hex(CCCDCF) | Ratio: 1.28 Failed ⁵ | Ratio: 1.20 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.06 Failed ⁵ | | Ratio: 1.07 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.19 Failed ⁵ | Ratio: 1.25 Failed ⁵ | Ratio: 1.30 Failed ⁵ |
| Hex(CCD4E4) | Ratio: 1.37 Failed ⁵ | Ratio: 1.28 Failed ⁵ | Ratio: 1.21 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.07 Failed ⁵ | | Ratio: 1.06 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 1.21 Failed ⁵ |
| Hex(CCDAF8) | Ratio: 1.45 Failed ⁵ | Ratio: 1.36 Failed ⁵ | Ratio: 1.28 Failed ⁵ | Ratio: 1.20 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.06 Failed ⁵ | | Ratio: 1.05 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.15 Failed ⁵ |
| Hex(CCE0FF) | Ratio: 1.52 Failed ⁵ | Ratio: 1.42 Failed ⁵ | Ratio: 1.34 Failed ⁵ | Ratio: 1.26 Failed ⁵ | Ratio: 1.19 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.05 Failed ⁵ | | Ratio: 1.05 Failed ⁵ | Ratio: 1.09 Failed ⁵ |
| Hex(CCE7FF) | Ratio: 1.59 Failed ⁵ | Ratio: 1.49 Failed ⁵ | Ratio: 1.41 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.25 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.05 Failed ⁵ | | Ratio: 1.04 Failed ⁵ |
| Hex(CCEDFF) | Ratio: 1.66 Failed ⁵ | Ratio: 1.56 Failed ⁵ | Ratio: 1.47 Failed ⁵ | Ratio: 1.38 Failed ⁵ | Ratio: 1.30 Failed ⁵ | Ratio: 1.21 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.04 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

Failed 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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