

Converting Colors - WCAG Matrix

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

| | Hex(00B8D6) | Hex(15BBD6) | Hex(2BBED6) | Hex(40C1D6) | Hex(56C4D6) | Hex(6BC7D6) | Hex(80CAD6) | Hex(96CDD6) | Hex(ABD0D6) | Hex(C1D3D6) |
|-------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Hex(00B8D6) | | Ratio: 1.03 Failed ⁵ | Ratio: 1.07 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 1.22 Failed ⁵ | Ratio: 1.28 Failed ⁵ | Ratio: 1.36 Failed ⁵ | Ratio: 1.44 Failed ⁵ | Ratio: 1.54 Failed ⁵ |
| Hex(15BBD6) | Ratio: 1.03 Failed ⁵ | | Ratio: 1.04 Failed ⁵ | Ratio: 1.08 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.18 Failed ⁵ | Ratio: 1.24 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.40 Failed ⁵ | Ratio: 1.49 Failed ⁵ |
| Hex(2BBED6) | Ratio: 1.07 Failed ⁵ | Ratio: 1.04 Failed ⁵ | | Ratio: 1.04 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.14 Failed ⁵ | Ratio: 1.20 Failed ⁵ | Ratio: 1.27 Failed ⁵ | Ratio: 1.35 Failed ⁵ | Ratio: 1.44 Failed ⁵ |
| Hex(40C1D6) | Ratio: 1.11 Failed ⁵ | Ratio: 1.08 Failed ⁵ | Ratio: 1.04 Failed ⁵ | | Ratio: 1.05 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.22 Failed ⁵ | Ratio: 1.30 Failed ⁵ | Ratio: 1.38 Failed ⁵ |
| Hex(56C4D6) | Ratio: 1.16 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.09 Failed ⁵ | Ratio: 1.05 Failed ⁵ | | Ratio: 1.05 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 1.24 Failed ⁵ | Ratio: 1.32 Failed ⁵ |
| Hex(6BC7D6) | Ratio: 1.22 Failed ⁵ | Ratio: 1.18 Failed ⁵ | Ratio: 1.14 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.05 Failed ⁵ | | Ratio: 1.05 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.18 Failed ⁵ | Ratio: 1.26 Failed ⁵ |
| Hex(80CAD6) | Ratio: 1.28 Failed ⁵ | Ratio: 1.24 Failed ⁵ | Ratio: 1.20 Failed ⁵ | Ratio: 1.15 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.05 Failed ⁵ | | Ratio: 1.06 Failed ⁵ | Ratio: 1.12 Failed ⁵ | Ratio: 1.20 Failed ⁵ |
| Hex(96CDD6) | Ratio: 1.36 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.27 Failed ⁵ | Ratio: 1.22 Failed ⁵ | Ratio: 1.17 Failed ⁵ | Ratio: 1.11 Failed ⁵ | Ratio: 1.06 Failed ⁵ | | Ratio: 1.06 Failed ⁵ | Ratio: 1.13 Failed ⁵ |
| Hex(ABD0D6) | Ratio: 1.44 Failed ⁵ | Ratio: 1.40 Failed ⁵ | Ratio: 1.35 Failed ⁵ | Ratio: 1.30 Failed ⁵ | Ratio: 1.24 Failed ⁵ | Ratio: 1.18 Failed ⁵ | Ratio: 1.12 Failed ⁵ | Ratio: 1.06 Failed ⁵ | | Ratio: 1.07 Failed ⁵ |
| Hex(C1D3D6) | Ratio: 1.54 Failed ⁵ | Ratio: 1.49 Failed ⁵ | Ratio: 1.44 Failed ⁵ | Ratio: 1.38 Failed ⁵ | Ratio: 1.32 Failed ⁵ | Ratio: 1.26 Failed ⁵ | Ratio: 1.20 Failed ⁵ | Ratio: 1.13 Failed ⁵ | Ratio: 1.07 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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