

Converting Colors - WCAG Matrix

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

Hex(E88BA0) Hex(FF85A0) Hex(8BCFE8) Hex(73676A) Hex(B30028) Hex(33000C)

| | Hex(E88BA0) | Hex(FF85A0) | Hex(8BCFE8) | Hex(73676A) | Hex(B30028) | Hex(33000C) |
|-------------|--|---|---|---|---|---|
| Hex(E88BA0) | | Ratio: 1.06 Failed ⁵ | Ratio: 1.41 Failed ⁵ | Ratio: 2.23 Failed ⁵ | Ratio: 2.93 Failed ⁵ | Ratio: 7.53 Passed ⁶ |
| Hex(FF85A0) | Ratio: 1.06 Failed ⁵ | | Ratio: 1.34 Failed ⁵ | Ratio: 2.35 Failed ⁵ | Ratio: 3.09 AA 18pt ² | Ratio: 7.95 Passed ⁶ |
| Hex(8BCFE8) | Ratio: 1.41 Failed ⁵ | Ratio: 1.34 Failed ⁵ | | Ratio: 3.14 AA 18pt ² | Ratio: 4.14 AA 18pt ² | Ratio: 10.64 Passed ⁶ |
| Hex(73676A) | Ratio: 2.23 Failed ⁵ | Ratio: 2.35 Failed ⁵ | Ratio: 3.14 AA 18pt ² | | Ratio: 1.32 Failed ⁵ | Ratio: 3.38 AA 18pt ² |
| Hex(B30028) | Ratio: 2.93 Failed ⁵ | Ratio: 3.09 AA 18pt ² | Ratio: 4.14 AA 18pt ² | Ratio: 1.32 Failed ⁵ | | Ratio: 2.57 Failed ⁵ |
| Hex(33000C) | Ratio: 7.53 Passed ⁶ | Ratio: 7.95 Passed ⁶ | Ratio: 10.64 Passed ⁶ | Ratio: 3.38 AA 18pt ² | Ratio: 2.57 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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