

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(6B8F9F) Hex(7EB6CF) Hex(6B759F) Hex(474D4F) Hex(00638F) Hex(000B0F)

| | Hex(6B8F9F) | Hex(7EB6CF) | Hex(6B759F) | Hex(474D4F) | Hex(00638F) | Hex(000B0F) |
|-------------|---|---|---|---|---|---|
| Hex(6B8F9F) | | Ratio: 1.57 Failed ⁵ | Ratio: 1.30 Failed ⁵ | Ratio: 2.48 Failed ⁵ | Ratio: 1.90 Failed ⁵ | Ratio: 5.74 AA ¹ AAA 18pt ⁴ |
| Hex(7EB6CF) | Ratio: 1.57 Failed ⁵ | | Ratio: 2.03 Failed ⁵ | Ratio: 3.88 AA 18pt ² | Ratio: 2.98 Failed ⁵ | Ratio: 8.99 Passed ⁶ |
| Hex(6B759F) | Ratio: 1.30 Failed ⁵ | Ratio: 2.03 Failed ⁵ | | Ratio: 1.91 Failed ⁵ | Ratio: 1.47 Failed ⁵ | Ratio: 4.43 AA 18pt ² |
| Hex(474D4F) | Ratio: 2.48 Failed ⁵ | Ratio: 3.88 AA 18pt ² | Ratio: 1.91 Failed ⁵ | | Ratio: 1.30 Failed ⁵ | Ratio: 2.32 Failed ⁵ |
| Hex(00638F) | Ratio: 1.90 Failed ⁵ | Ratio: 2.98 Failed ⁵ | Ratio: 1.47 Failed ⁵ | Ratio: 1.30 Failed ⁵ | | Ratio: 3.02 AA 18pt ² |
| Hex(000B0F) | Ratio: 5.74 AA ¹ AAA 18pt ⁴ | Ratio: 8.99 Passed ⁶ | Ratio: 4.43 AA 18pt ² | Ratio: 2.32 Failed ⁵ | Ratio: 3.02 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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