

Converting Colors - WCAG Matrix

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

Hex(0B0B0B) Hex(0F0F0F) Hex(050505) Hex(003045) Hex(0088C4)

| | | | | | |
|--------------------|---|---|---|--|---|
| Hex(0B0B0B) | | Ratio: 1.03 Failed⁵ | Ratio: 1.04 Failed⁵ | Ratio: 1.41 Failed⁵ | Ratio: 4.98 AA¹ AAA 18pt⁴ |
| Hex(0F0F0F) | Ratio: 1.03 Failed⁵ | | Ratio: 1.06 Failed⁵ | Ratio: 1.38 Failed⁵ | Ratio: 4.85 AA¹ AAA 18pt⁴ |
| Hex(050505) | Ratio: 1.04 Failed⁵ | Ratio: 1.06 Failed⁵ | | Ratio: 1.46 Failed⁵ | Ratio: 5.16 AA¹ AAA 18pt⁴ |
| Hex(003045) | Ratio: 1.41 Failed⁵ | Ratio: 1.38 Failed⁵ | Ratio: 1.46 Failed⁵ | | Ratio: 3.53 AA 18pt² |
| Hex(0088C4) | Ratio: 4.98 AA¹ AAA 18pt⁴ | Ratio: 4.85 AA¹ AAA 18pt⁴ | Ratio: 5.16 AA¹ AAA 18pt⁴ | Ratio: 3.53 AA 18pt² | |

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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