

Converting Colors - WCAG Matrix

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

Hex(000C6B) Hex(62678C) Hex(006B5F) Hex(2E3147) Hex(C7C7C7) Hex(474747)

	Hex(000C6B)	Hex(62678C)	Hex(006B5F)	Hex(2E3147)	Hex(C7C7C7)	Hex(474747)
Hex(000C6B)		Ratio: 3.03 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 9.82 Passed ⁶	Ratio: 1.79 Failed ⁵
Hex(62678C)	Ratio: 3.03 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.70 Failed ⁵
Hex(006B5F)	Ratio: 2.58 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(2E3147)	Ratio: 1.30 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 7.55 Passed ⁶	Ratio: 1.37 Failed ⁵
Hex(C7C7C7)	Ratio: 9.82 Passed ⁶	Ratio: 3.24 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 7.55 Passed ⁶		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.79 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴	

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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