

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(1C0848) Hex(4D455E) Hex(083348) Hex(262130) Hex(B0B0B0) Hex(303030)

Hex(1C0848)		Ratio: 1.98 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 8.22 Passed ⁶	Ratio: 1.35 Failed ⁵
Hex(4D455E)	Ratio: 1.98 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(083348)	Ratio: 1.34 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(262130)	Ratio: 1.14 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 7.21 Passed ⁶	Ratio: 1.19 Failed ⁵
Hex(B0B0B0)	Ratio: 8.22 Passed ⁶	Ratio: 4.16 AA 18pt ²	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 7.21 Passed ⁶		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.35 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 6.09 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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