

Converting Colors - WCAG Matrix

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

Hex(404947) Hex(5B5E5D) Hex(424940) Hex(2E3030) Hex(B0B0B0) Hex(303030)

Hex(404947)		Ratio: 1.42 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(5B5E5D)	Ratio: 1.42 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.01 Failed ⁵
Hex(424940)	Ratio: 1.00 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(2E3030)	Ratio: 1.43 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(B0B0B0)	Ratio: 4.28 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 6.12 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.42 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.01 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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