

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(414937) Hex(5B5E57) Hex(493F37) Hex(2E302C) Hex(B0B0B0) Hex(303030)

	Hex(414937)	Hex(5B5E57)	Hex(493F37)	Hex(2E302C)	Hex(B0B0B0)	Hex(303030)
Hex(414937)		Ratio: 1.43 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(5B5E57)	Ratio: 1.43 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.00 Failed ⁵
Hex(493F37)	Ratio: 1.09 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(2E302C)	Ratio: 1.42 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(B0B0B0)	Ratio: 4.34 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.29 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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