

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(444A48) Hex(5F6160) Hex(474A44) Hex(2F3030) Hex(B0B0B0) Hex(303030)

	Hex(444A48)	Hex(5F6160)	Hex(474A44)	Hex(2F3030)	Hex(B0B0B0)	Hex(303030)
Hex(444A48)		Ratio: 1.45 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(5F6160)	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(474A44)	Ratio: 1.01 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(2F3030)	Ratio: 1.46 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(B0B0B0)	Ratio: 4.18 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 6.10 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.46 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.00 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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