

Converting Colors - WCAG Matrix

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

Hex(3F4D1F) Hex(5E6352) Hex(4C2C1F) Hex(303328) Hex(B3B3B3) Hex(333333)

	Hex(3F4D1F)	Hex(5E6352)	Hex(4C2C1F)	Hex(303328)	Hex(B3B3B3)	Hex(333333)
Hex(3F4D1F)		Ratio: 1.48 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(5E6352)	Ratio: 1.48 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(4C2C1F)	Ratio: 1.36 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(303328)	Ratio: 1.41 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(B3B3B3)	Ratio: 4.37 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.38 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.03 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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