

Converting Colors - WCAG Matrix

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

Hex(3E4D00) Hex(5E6346) Hex(4D0E00) Hex(303321) Hex(B3B3B3) Hex(333333)

	Hex(3E4D00)	Hex(5E6346)	Hex(4D0E00)	Hex(303321)	Hex(B3B3B3)	Hex(333333)
Hex(3E4D00)		Ratio: 1.48 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(5E6346)	Ratio: 1.48 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(4D0E00)	Ratio: 1.64 Failed ⁵	Ratio: 2.43 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 7.27 Passed ⁶	Ratio: 1.21 Failed ⁵
Hex(303321)	Ratio: 1.40 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(B3B3B3)	Ratio: 4.42 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 7.27 Passed ⁶	Ratio: 6.18 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.36 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 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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