

Converting Colors - WCAG Matrix

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

Hex(4E4C2E) Hex(66655A) Hex(4E2E30) Hex(33332C) Hex(B3B3B3) Hex(333333)

	Hex(4E4C2E)	Hex(66655A)	Hex(4E2E30)	Hex(33332C)	Hex(B3B3B3)	Hex(333333)
Hex(4E4C2E)		Ratio: 1.49 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 1.44 Failed ⁵
Hex(66655A)	Ratio: 1.49 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(4E2E30)	Ratio: 1.36 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(33332C)	Ratio: 1.45 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(B3B3B3)	Ratio: 4.18 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 6.07 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.44 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 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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