

Converting Colors - WCAG Matrix

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

	Hex(545453)	Hex(6E6E6E)	Hex(383838)	Hex(B8B8B8)
Hex(545453)		Ratio: 1.49 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.49 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(383838)	Ratio: 1.55 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(B8B8B8)	Ratio: 3.82 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 5.91 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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