

Converting Colors - WCAG Matrix

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

	Hex(484848)	Hex(5E5E5E)	Hex(303030)	Hex(B0B0B0)
Hex(484848)		Ratio: 1.41 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.22 AA 18pt ²
Hex(5E5E5E)	Ratio: 1.41 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(303030)	Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(B0B0B0)	Ratio: 4.22 AA 18pt ²	Ratio: 2.99 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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