

Converting Colors - WCAG Matrix

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

	Hex(303030)	Hex(3D3D3D)	Hex(1F1F1F)	Hex(9E9E9E)
Hex(303030)		Ratio: 1.22 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.22 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(1F1F1F)	Ratio: 1.25 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(9E9E9E)	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 4.05 AA 18pt ²	Ratio: 6.15 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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