

Converting Colors - WCAG Matrix

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

Hex(7A7A7A) Hex(9E9E9E) Hex(3D3D3D) Hex(7D000C) Hex(FC0019)

Hex(7A7A7A)		Ratio: 1.60 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(9E9E9E)	Ratio: 1.60 Failed ⁵		Ratio: 4.05 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(3D3D3D)	Ratio: 2.53 Failed ⁵	Ratio: 4.05 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(7D000C)	Ratio: 2.61 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(FC0019)	Ratio: 1.05 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.74 Failed ⁵	

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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