

Converting Colors - WCAG Matrix

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

Hex(777777) Hex(9C9C9C) Hex(3B3B3B) Hex(7A000D) Hex(FA001C)

	Hex(777777)	Hex(9C9C9C)	Hex(3B3B3B)	Hex(7A000D)	Hex(FA001C)
Hex(777777)		Ratio: 1.63 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(9C9C9C)	Ratio: 1.63 Failed ⁵		Ratio: 4.08 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(3B3B3B)	Ratio: 2.50 Failed ⁵	Ratio: 4.08 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(7A000D)	Ratio: 2.56 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(FA001C)	Ratio: 1.08 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.77 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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