

Converting Colors - WCAG Matrix

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

Hex(9B9B97) Hex(C9C9C7) Hex(9B9797) Hex(666665) Hex(E6E6E6) Hex(666666)

	Hex(9B9B97)	Hex(C9C9C7)	Hex(9B9797)	Hex(666665)	Hex(E6E6E6)	Hex(666666)
Hex(9B9B97)		Ratio: 1.68 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(C9C9C7)	Ratio: 1.68 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(9B9797)	Ratio: 1.04 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(666665)	Ratio: 2.06 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(E6E6E6)	Ratio: 2.23 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 2.06 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 4.60 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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