

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(218A9B) Hex(99C3C9) Hex(219B31) Hex(486266) Hex(E6E6E6) Hex(666666)

Hex(218A9B)		Ratio: 2.13 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(99C3C9)	Ratio: 2.13 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(219B31)	Ratio: 1.12 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(486266)	Ratio: 1.61 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.80 Failed ⁵		Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(E6E6E6)	Ratio: 3.25 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.41 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 1.14 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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