

Converting Colors - WCAG Matrix

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

Hex(18A8A1) Hex(A2DBD9) Hex(1FA818) Hex(4C6E6C) Hex(EDEDED) Hex(6E6E6E)

	Hex(18A8A1)	Hex(A2DBD9)	Hex(1FA818)	Hex(4C6E6C)	Hex(EDEDED)	Hex(6E6E6E)
Hex(18A8A1)		Ratio: 1.91 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(A2DBD9)	Ratio: 1.91 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(1FA818)	Ratio: 1.07 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(4C6E6C)	Ratio: 1.91 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.78 Failed ⁵		Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(EDEDED)	Ratio: 2.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.74 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.36 AA 18pt ²	

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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