

Converting Colors - WCAG Matrix

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

Hex(80A1A1) Hex(C5D1D1) Hex(80A180) Hex(616969) Hex(E8E8E8) Hex(696969)

Hex(80A1A1)		Ratio: 1.78 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(C5D1D1)	Ratio: 1.78 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(80A180)	Ratio: 1.03 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(616969)	Ratio: 2.02 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.96 Failed ⁵		Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(E8E8E8)	Ratio: 2.28 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	
Hex(696969)	Ratio: 1.97 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.48 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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