

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(1A8F93) Hex(8FBEBF) Hex(1A931E) Hex(446061) Hex(E0E0E0) Hex(616161)

	Hex(1A8F93)	Hex(8FBEBF)	Hex(1A931E)	Hex(446061)	Hex(E0E0E0)	Hex(616161)
Hex(1A8F93)		Ratio: 1.91 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(8FBEBF)	Ratio: 1.91 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(1A931E)	Ratio: 1.03 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(446061)	Ratio: 1.74 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.69 Failed ⁵		Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(E0E0E0)	Ratio: 2.95 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.59 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.54 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.69 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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