

Converting Colors - WCAG Matrix

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

Hex(5A8196) Hex(ABBAC2) Hex(5A966F) Hex(535C61) Hex(E0E0E0) Hex(616161)

	Hex(5A8196)	Hex(ABBAC2)	Hex(5A966F)	Hex(535C61)	Hex(E0E0E0)	Hex(616161)
Hex(5A8196)		Ratio: 2.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(ABBAC2)	Ratio: 2.10 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(5A966F)	Ratio: 1.20 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(535C61)	Ratio: 1.63 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.96 Failed ⁵		Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(E0E0E0)	Ratio: 3.17 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.48 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.78 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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