

Converting Colors - WCAG Matrix

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

Hex(479194) Hex(A1BEBF) Hex(47944A) Hex(4E6061) Hex(E0E0E0) Hex(616161)

	Hex(479194)	Hex(A1BEBF)	Hex(47944A)	Hex(4E6061)	Hex(E0E0E0)	Hex(616161)
Hex(479194)		Ratio: 1.85 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(A1BEBF)	Ratio: 1.85 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(47944A)	Ratio: 1.03 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(4E6061)	Ratio: 1.81 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.77 Failed ⁵		Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(E0E0E0)	Ratio: 2.77 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.69 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.65 Failed ⁵	Ratio: 1.07 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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