

Converting Colors - WCAG Matrix

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

Hex(189494) Hex(8FBFBF) Hex(189418) Hex(44615F) Hex(E0E0E0) Hex(616161)

	Hex(189494)	Hex(8FBFBF)	Hex(189418)	Hex(44615F)	Hex(E0E0E0)	Hex(616161)
Hex(189494)		Ratio: 1.82 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(8FBFBF)	Ratio: 1.82 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(189418)	Ratio: 1.08 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.56 Failed ⁵
Hex(44615F)	Ratio: 1.83 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.69 Failed ⁵		Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(E0E0E0)	Ratio: 2.79 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.68 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 1.09 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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