

Converting Colors - WCAG Matrix

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

Hex(5E5C5E) Hex(7A797A) Hex(5C5C5E) Hex(3D3D3D) Hex(BDBDBD)

Hex(5E5C5E)		Ratio: 1.53 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(7A797A)	Ratio: 1.53 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(5C5C5E)	Ratio: 1.01 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(3D3D3D)	Ratio: 1.64 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(BDBDBD)	Ratio: 3.53 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 5.78 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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