

Converting Colors - WCAG Matrix

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

Hex(5E5F5F) Hex(7A7A7A) Hex(5E5F5E) Hex(3D3D3D) Hex(BDBDBD)

Hex(5E5F5F)		Ratio: 1.49 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(7A7A7A)	Ratio: 1.49 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(5E5F5E)	Ratio: 1.00 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.69 Failed ⁵
Hex(3D3D3D)	Ratio: 1.70 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.69 Failed ⁵	
Hex(BDBDBD)	Ratio: 3.41 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 3.41 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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