

Converting Colors - WCAG Matrix

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

Hex(7C848F) Hex(B3B6BA) Hex(7C8F87) Hex(5A5C5E) Hex(DEDEDE) Hex(5E5E5E)

	Hex(7C848F)	Hex(B3B6BA)	Hex(7C8F87)	Hex(5A5C5E)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(7C848F)		Ratio: 1.86 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(B3B6BA)	Ratio: 1.86 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(7C8F87)	Ratio: 1.10 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(5A5C5E)	Ratio: 1.78 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.96 Failed ⁵		Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(DEDEDE)	Ratio: 2.81 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.72 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.82 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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