

Converting Colors - WCAG Matrix

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

Hex(7F7E80) Hex(A6A6A6) Hex(7E7E80) Hex(545454) Hex(D4D4D4)

	Hex(7F7E80)	Hex(A6A6A6)	Hex(7E7E80)	Hex(545454)	Hex(D4D4D4)
Hex(7F7E80)		Ratio: 1.66 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(A6A6A6)	Ratio: 1.66 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.64 Failed ⁵
Hex(7E7E80)	Ratio: 1.00 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(545454)	Ratio: 1.87 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.87 Failed ⁵		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(D4D4D4)	Ratio: 2.73 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 5.11 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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