

Converting Colors - WCAG Matrix

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

Hex(197180) Hex(7EA0A6) Hex(198027) Hex(3C5154) Hex(D4D4D4) Hex(545454)

Hex(197180)		Ratio: 2.01 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(7EA0A6)	Ratio: 2.01 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(198027)	Ratio: 1.12 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(3C5154)	Ratio: 1.49 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(D4D4D4)	Ratio: 3.81 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.34 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.11 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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