

Converting Colors - WCAG Matrix

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

Hex(007C1B) Hex(70A17B) Hex(617C00) Hex(34523B) Hex(D1D1D1) Hex(525252)

	Hex(007C1B)	Hex(70A17B)	Hex(617C00)	Hex(34523B)	Hex(D1D1D1)	Hex(525252)
Hex(007C1B)		Ratio: 1.81 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(70A17B)	Ratio: 1.81 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(617C00)	Ratio: 1.13 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(34523B)	Ratio: 1.61 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(D1D1D1)	Ratio: 3.53 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.45 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.12 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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