

Converting Colors - WCAG Matrix

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

Hex(004500) Hex(005900) Hex(004523) Hex(202420) Hex(006300) Hex(00E300)

	Hex(004500)	Hex(005900)	Hex(004523)	Hex(202420)	Hex(006300)	Hex(00E300)
Hex(004500)		Ratio: 1.31 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 6.48 AA ¹ AAA 18pt ⁴
Hex(005900)	Ratio: 1.31 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴
Hex(004523)	Ratio: 1.01 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 6.39 AA ¹ AAA 18pt ⁴
Hex(202420)	Ratio: 1.39 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 8.98 Passed ⁶
Hex(006300)	Ratio: 1.50 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 4.30 AA 18pt ²
Hex(00E300)	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 8.98 Passed ⁶	Ratio: 4.30 AA 18pt ²	

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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