

Converting Colors - WCAG Matrix

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

	Hex(86A758)	Hex(6C8D3F)	Hex(527327)	Hex(395A0D)	Hex(214300)	Hex(062C00)	Hex(001900)	Hex(000000)
Hex(86A758)		Ratio: 1.39 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 7.68 Passed ⁶
Hex(6C8D3F)	Ratio: 1.39 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 5.52 AA ¹ AAA 18pt ⁴
Hex(527327)	Ratio: 2.00 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.84 AA 18pt ²
Hex(395A0D)	Ratio: 2.91 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(214300)	Ratio: 4.11 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(062C00)	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 4.03 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(001900)	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 7.68 Passed ⁶	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 3.84 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.14 Failed ⁵	

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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