

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7BA22B) Hex(97D419) Hex(41A22B) Hex(4F5249) Hex(629100) Hex(0C1200)

	Hex(7BA22B)	Hex(97D419)	Hex(41A22B)	Hex(4F5249)	Hex(629100)	Hex(0C1200)
Hex(7BA22B)		Ratio: 1.67 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 6.39 AA ¹ AAA 18pt ⁴
Hex(97D419)	Ratio: 1.67 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 10.66 Passed ⁶
Hex(41A22B)	Ratio: 1.10 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.83 AA ¹ AAA 18pt ⁴
Hex(4F5249)	Ratio: 2.67 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(629100)	Ratio: 1.26 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 5.05 AA ¹ AAA 18pt ⁴
Hex(0C1200)	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 10.66 Passed ⁶	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 2.39 Failed ⁵	Ratio: 5.05 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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