

Converting Colors - WCAG Matrix

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

Hex(929A31) Hex(BDC924) Hex(5E9A31) Hex(4C4D45) Hex(828C00) Hex(0C0D00)

	Hex(929A31)	Hex(BDC924)	Hex(5E9A31)	Hex(4C4D45)	Hex(828C00)	Hex(0C0D00)
Hex(929A31)		Ratio: 1.68 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 6.42 AA ¹ AAA 18pt ⁴
Hex(BDC924)	Ratio: 1.68 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 10.76 Passed ⁶
Hex(5E9A31)	Ratio: 1.12 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 2.50 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴
Hex(4C4D45)	Ratio: 2.81 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(828C00)	Ratio: 1.21 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 5.31 AA ¹ AAA 18pt ⁴
Hex(0C0D00)	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 10.76 Passed ⁶	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 2.29 Failed ⁵	Ratio: 5.31 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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