

Converting Colors - WCAG Matrix

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

Hex(82571A) Hex(A86608) Hex(78821A) Hex(42403D) Hex(824D00) Hex(030000)

	Hex(82571A)	Hex(A86608)	Hex(78821A)	Hex(42403D)	Hex(824D00)	Hex(030000)
Hex(82571A)		Ratio: 1.37 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(A86608)	Ratio: 1.37 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(78821A)	Ratio: 1.50 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(42403D)	Ratio: 1.64 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(824D00)	Ratio: 1.11 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 3.00 AA 18pt ²
Hex(030000)	Ratio: 3.31 AA 18pt ²	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 3.00 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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