

Converting Colors - WCAG Matrix

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

Hex(5A7400) Hex(405B00) Hex(274400) Hex(0B2D00) Hex(001B00) Hex(000000)

	Hex(5A7400)	Hex(405B00)	Hex(274400)	Hex(0B2D00)	Hex(001B00)	Hex(000000)
Hex(5A7400)		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 3.93 AA 18pt ²
Hex(405B00)	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(274400)	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(0B2D00)	Ratio: 2.83 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(001B00)	Ratio: 3.40 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 3.93 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.16 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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