

Converting Colors - WCAG Matrix

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

Hex(2B001B) Hex(380023) Hex(2B0006) Hex(141214) Hex(540035) Hex(D40085)

	Hex(2B001B)	Hex(380023)	Hex(2B0006)	Hex(141214)	Hex(540035)	Hex(D40085)
Hex(2B001B)		Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(380023)	Ratio: 1.07 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(2B0006)	Ratio: 1.01 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(141214)	Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(540035)	Ratio: 1.28 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(D40085)	Ratio: 3.70 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 2.90 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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