

Converting Colors - WCAG Matrix

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

Hex(2B1019) Hex(380E1C) Hex(272B10) Hex(141213) Hex(54001C) Hex(D40047)

	Hex(2B1019)	Hex(380E1C)	Hex(272B10)	Hex(141213)	Hex(54001C)	Hex(D40047)
Hex(2B1019)		Ratio: 1.05 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(380E1C)	Ratio: 1.05 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(272B10)	Ratio: 1.21 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(141213)	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(54001C)	Ratio: 1.17 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(D40047)	Ratio: 3.27 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.79 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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