

Converting Colors - WCAG Matrix

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

Hex(2B0016) Hex(38001C) Hex(2B2B00) Hex(141213) Hex(54002A) Hex(D4006A)

	Hex(2B0016)	Hex(38001C)	Hex(2B2B00)	Hex(141213)	Hex(54002A)	Hex(D4006A)
Hex(2B0016)		Ratio: 1.06 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(38001C)	Ratio: 1.06 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(2B2B00)	Ratio: 1.30 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(141213)	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(54002A)	Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(D4006A)	Ratio: 3.60 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.84 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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