

Converting Colors - WCAG Matrix

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

Hex(28010D) Hex(330010) Hex(212801) Hex(141213) Hex(54001A) Hex(D40041)

	Hex(28010D)	Hex(330010)	Hex(212801)	Hex(141213)	Hex(54001A)	Hex(D40041)
Hex(28010D)		Ratio: 1.04 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(330010)	Ratio: 1.04 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(212801)	Ratio: 1.24 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(141213)	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(54001A)	Ratio: 1.26 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(D40041)	Ratio: 3.52 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.78 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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