

Converting Colors - WCAG Matrix

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

	Hex(293333)	Hex(141E1E)	Hex(000205)	Hex(FFFFFF)
Hex(293333)		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 13.00 Passed ⁶
Hex(141E1E)	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 17.02 Passed ⁶
Hex(000205)	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 20.78 Passed ⁶
Hex(FFFFFF)	Ratio: 13.00 Passed ⁶	Ratio: 17.02 Passed ⁶	Ratio: 20.78 Passed ⁶	

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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