

Converting Colors - WCAG Matrix

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

Hex(2D4328) Hex(35572D) Hex(284331) Hex(1E211E) Hex(126100) Hex(29E000)

	Hex(2D4328)	Hex(35572D)	Hex(284331)	Hex(1E211E)	Hex(126100)	Hex(29E000)
Hex(2D4328)		Ratio: 1.31 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 6.04 AA ¹ AAA 18pt ⁴
Hex(35572D)	Ratio: 1.31 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(284331)	Ratio: 1.00 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(1E211E)	Ratio: 1.51 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 9.10 Passed ⁶
Hex(126100)	Ratio: 1.41 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 4.30 AA 18pt ²
Hex(29E000)	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 9.10 Passed ⁶	Ratio: 4.30 AA 18pt ²	

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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