

Converting Colors - WCAG Matrix

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

Hex(011929) Hex(002036) Hex(010529) Hex(121414) Hex(003254) Hex(007FD4)

	Hex(011929)	Hex(002036)	Hex(010529)	Hex(121414)	Hex(003254)	Hex(007FD4)
Hex(011929)		Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(002036)	Ratio: 1.07 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(010529)	Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴
Hex(121414)	Ratio: 1.03 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 4.39 AA 18pt ²
Hex(003254)	Ratio: 1.35 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 3.15 AA 18pt ²
Hex(007FD4)	Ratio: 4.25 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 4.39 AA 18pt ²	Ratio: 3.15 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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