

Converting Colors - WCAG Matrix

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

Hex(001F30) Hex(00283D) Hex(000830) Hex(151617) Hex(003957) Hex(008DD6)

	Hex(001F30)	Hex(00283D)	Hex(000830)	Hex(151617)	Hex(003957)	Hex(008DD6)
Hex(001F30)		Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(00283D)	Ratio: 1.11 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.22 AA 18pt ²
Hex(000830)	Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(151617)	Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(003957)	Ratio: 1.39 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 3.36 AA 18pt ²
Hex(008DD6)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 4.22 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 3.36 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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