

Converting Colors - WCAG Matrix

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

Hex(12191C) Hex(141F24) Hex(12141C) Hex(0E0F0F) Hex(00364F) Hex(008DCF)

	Hex(12191C)	Hex(141F24)	Hex(12141C)	Hex(0E0F0F)	Hex(00364F)	Hex(008DCF)
Hex(12191C)		Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(141F24)	Ratio: 1.06 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴
Hex(12141C)	Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(0E0F0F)	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(00364F)	Ratio: 1.39 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 3.48 AA 18pt ²
Hex(008DCF)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 3.48 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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