

Converting Colors - WCAG Matrix

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

Hex(141920) Hex(161E29) Hex(151420) Hex(0E0E0F) Hex(00214F) Hex(0056CF)

	Hex(141920)	Hex(161E29)	Hex(151420)	Hex(0E0E0F)	Hex(00214F)	Hex(0056CF)
Hex(141920)		Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(161E29)	Ratio: 1.05 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(151420)	Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(0E0E0F)	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(00214F)	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(0056CF)	Ratio: 2.72 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 2.43 Failed ⁵	

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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