

Converting Colors - WCAG Matrix

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

Hex(1A1B1E) Hex(1F2126) Hex(1B1A1E) Hex(0E0E0F) Hex(00114F) Hex(002DCF)

	Hex(1A1B1E)	Hex(1F2126)	Hex(1B1A1E)	Hex(0E0E0F)	Hex(00114F)	Hex(002DCF)
Hex(1A1B1E)		Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(1F2126)	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(1B1A1E)	Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(0E0E0F)	Ratio: 1.12 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(00114F)	Ratio: 1.02 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.91 Failed ⁵
Hex(002DCF)	Ratio: 1.87 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.91 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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