

Converting Colors - WCAG Matrix

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

Hex(1A171C) Hex(201C24) Hex(1C171C) Hex(0F0E0F) Hex(28004F) Hex(6700CF)

	Hex(1A171C)	Hex(201C24)	Hex(1C171C)	Hex(0F0E0F)	Hex(28004F)	Hex(6700CF)
Hex(1A171C)		Ratio: 1.06 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(201C24)	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(1C171C)	Ratio: 1.00 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(0F0E0F)	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(28004F)	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.06 Failed ⁵
Hex(6700CF)	Ratio: 2.09 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.06 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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