

Converting Colors - WCAG Matrix

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

Hex(112DEC) Hex(0021FF) Hex(6111EC) Hex(6A6B75) Hex(0017B5) Hex(000736)

	Hex(112DEC)	Hex(0021FF)	Hex(6111EC)	Hex(6A6B75)	Hex(0017B5)	Hex(000736)
Hex(112DEC)		Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(0021FF)	Ratio: 1.02 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(6111EC)	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(6A6B75)	Ratio: 1.52 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(0017B5)	Ratio: 1.46 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 1.65 Failed ⁵
Hex(000736)	Ratio: 2.41 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.65 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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