

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(1B33D1) Hex(0022FF) Hex(5E1BD1) Hex(5E5F69) Hex(0015A8) Hex(000429)

	Hex(1B33D1)	Hex(0022FF)	Hex(5E1BD1)	Hex(5E5F69)	Hex(0015A8)	Hex(000429)
Hex(1B33D1)		Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(0022FF)	Ratio: 1.10 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(5E1BD1)	Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(5E5F69)	Ratio: 1.36 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(0015A8)	Ratio: 1.46 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.59 Failed ⁵
Hex(000429)	Ratio: 2.33 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.59 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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