

Converting Colors - WCAG Matrix

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

Hex(1E3681) Hex(0D33A8) Hex(371E81) Hex(393B40) Hex(001F80) Hex(000000)

	Hex(1E3681)	Hex(0D33A8)	Hex(371E81)	Hex(393B40)	Hex(001F80)	Hex(000000)
Hex(1E3681)		Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(0D33A8)	Ratio: 1.08 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(371E81)	Ratio: 1.14 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(393B40)	Ratio: 1.01 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(001F80)	Ratio: 1.26 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.51 Failed ⁵
Hex(000000)	Ratio: 1.90 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.51 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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