

Converting Colors - WCAG Matrix

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

Hex(1C193A) Hex(1D184D) Hex(2C193A) Hex(19191C) Hex(08005C) Hex(1400DB)

	Hex(1C193A)	Hex(1D184D)	Hex(2C193A)	Hex(19191C)	Hex(08005C)	Hex(1400DB)
Hex(1C193A)		Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(1D184D)	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(2C193A)	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(19191C)	Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(08005C)	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.76 Failed ⁵
Hex(1400DB)	Ratio: 1.64 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.76 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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