

Converting Colors - WCAG Matrix

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

Hex(2038A6) Hex(072CD9) Hex(4A20A6) Hex(4C4D54) Hex(001A94) Hex(000414)

	Hex(2038A6)	Hex(072CD9)	Hex(4A20A6)	Hex(4C4D54)	Hex(001A94)	Hex(000414)
Hex(2038A6)		Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(072CD9)	Ratio: 1.09 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(4A20A6)	Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(4C4D54)	Ratio: 1.15 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(001A94)	Ratio: 1.38 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.53 Failed ⁵
Hex(000414)	Ratio: 2.12 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.53 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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