

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(000EA6) Hex(0012D9) Hex(4500A6) Hex(4C4C54) Hex(000C94) Hex(000214)

	Hex(000EA6)	Hex(0012D9)	Hex(4500A6)	Hex(4C4C54)	Hex(000C94)	Hex(000214)
Hex(000EA6)		Ratio: 1.29 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(0012D9)	Ratio: 1.29 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(4500A6)	Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(4C4C54)	Ratio: 1.53 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(000C94)	Ratio: 1.09 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 1.45 Failed ⁵
Hex(000214)	Ratio: 1.58 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.45 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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