

Converting Colors - WCAG Matrix

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

Hex(46329C) Hex(4424C9) Hex(7A329C) Hex(49474F) Hex(1B008F) Hex(03000F)

	Hex(46329C)	Hex(4424C9)	Hex(7A329C)	Hex(49474F)	Hex(1B008F)	Hex(03000F)
Hex(46329C)		Ratio: 1.07 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(4424C9)	Ratio: 1.07 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(7A329C)	Ratio: 1.26 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(49474F)	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(1B008F)	Ratio: 1.52 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.43 Failed ⁵
Hex(03000F)	Ratio: 2.17 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.43 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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