

Converting Colors - WCAG Matrix

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

Hex(490F92) Hex(5400BD) Hex(890F92) Hex(46434A) Hex(3D008A) Hex(05000A)

	Hex(490F92)	Hex(5400BD)	Hex(890F92)	Hex(46434A)	Hex(3D008A)	Hex(05000A)
Hex(490F92)		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(5400BD)	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(890F92)	Ratio: 1.44 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(46434A)	Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(3D008A)	Ratio: 1.13 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.55 Failed ⁵
Hex(05000A)	Ratio: 1.75 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.55 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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