

Converting Colors - WCAG Matrix

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

Hex(510167) Hex(6A0087) Hex(67014C) Hex(322E33) Hex(5A0073) Hex(BD00F2)

	Hex(510167)	Hex(6A0087)	Hex(67014C)	Hex(322E33)	Hex(5A0073)	Hex(BD00F2)
Hex(510167)		Ratio: 1.27 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(6A0087)	Ratio: 1.27 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(67014C)	Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(322E33)	Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(5A0073)	Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(BD00F2)	Ratio: 2.87 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.64 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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