

Converting Colors - WCAG Matrix

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

	Hex(9C2181)	Hex(800068)	Hex(64004F)	Hex(490038)	Hex(310023)	Hex(050008)	Hex(000000)
Hex(9C2181)		Ratio: 1.39 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(800068)	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(64004F)	Ratio: 1.78 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(490038)	Ratio: 2.20 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(310023)	Ratio: 2.55 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(050008)	Ratio: 2.92 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 2.95 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.01 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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