

Converting Colors - WCAG Matrix

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

Hex(462880) Hex(4B1CA6) Hex(712880) Hex(3C3940) Hex(2B0080) Hex(000000)

	Hex(462880)	Hex(4B1CA6)	Hex(712880)	Hex(3C3940)	Hex(2B0080)	Hex(000000)
Hex(462880)		Ratio: 1.07 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(4B1CA6)	Ratio: 1.07 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(712880)	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(3C3940)	Ratio: 1.01 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(2B0080)	Ratio: 1.33 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.41 Failed ⁵
Hex(000000)	Ratio: 1.88 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.41 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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