

Converting Colors - WCAG Matrix

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

Hex(753875) Hex(5B205C) Hex(420544) Hex(2C002E) Hex(000000)

	Hex(753875)	Hex(5B205C)	Hex(420544)	Hex(2C002E)	Hex(000000)
Hex(753875)		Ratio: 1.43 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(5B205C)	Ratio: 1.43 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(420544)	Ratio: 1.93 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(2C002E)	Ratio: 2.25 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(000000)	Ratio: 2.58 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 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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