

Converting Colors - WCAG Matrix

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

Hex(735478) Hex(5A3D5F) Hex(422647) Hex(2B1131) Hex(1A001C) Hex(000000)

	Hex(735478)	Hex(5A3D5F)	Hex(422647)	Hex(2B1131)	Hex(1A001C)	Hex(000000)
Hex(735478)		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.27 AA 18pt ²
Hex(5A3D5F)	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(422647)	Ratio: 2.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(2B1131)	Ratio: 2.66 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(1A001C)	Ratio: 3.08 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 3.27 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.06 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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