

Converting Colors - WCAG Matrix

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

Hex(85192C) Hex(AD0523) Hex(196385) Hex(423C3D) Hex(820017) Hex(030000)

	Hex(85192C)	Hex(AD0523)	Hex(196385)	Hex(423C3D)	Hex(820017)	Hex(030000)
Hex(85192C)		Ratio: 1.30 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(AD0523)	Ratio: 1.30 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(196385)	Ratio: 1.46 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(423C3D)	Ratio: 1.12 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(820017)	Ratio: 1.11 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.95 Failed ⁵
Hex(030000)	Ratio: 2.16 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 1.95 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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