

Converting Colors - WCAG Matrix

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

Hex(643196) Hex(49187C) Hex(2F0062) Hex(15004A) Hex(000000)

	Hex(643196)	Hex(49187C)	Hex(2F0062)	Hex(15004A)	Hex(000000)
Hex(643196)		Ratio: 1.42 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(49187C)	Ratio: 1.42 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(2F0062)	Ratio: 1.87 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(15004A)	Ratio: 2.14 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 2.42 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 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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