

Converting Colors - WCAG Matrix

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

Hex(4C355A) Hex(603C75) Hex(5A3556) Hex(2C292E) Hex(44006E) Hex(9300ED)

	Hex(4C355A)	Hex(603C75)	Hex(5A3556)	Hex(2C292E)	Hex(44006E)	Hex(9300ED)
Hex(4C355A)		Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(603C75)	Ratio: 1.22 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(5A3556)	Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(2C292E)	Ratio: 1.34 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(44006E)	Ratio: 1.34 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(9300ED)	Ratio: 1.76 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.35 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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