

Converting Colors - WCAG Matrix

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

Hex(5A4A71) Hex(423358) Hex(2B1E41) Hex(17072B) Hex(000116) Hex(000000)

	Hex(5A4A71)	Hex(423358)	Hex(2B1E41)	Hex(17072B)	Hex(000116)	Hex(000000)
Hex(5A4A71)		Ratio: 1.44 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(423358)	Ratio: 1.44 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(2B1E41)	Ratio: 1.94 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(17072B)	Ratio: 2.41 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(000116)	Ratio: 2.61 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 2.65 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.02 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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