

Converting Colors - WCAG Matrix

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

Hex(4B4359) Hex(342D42) Hex(1F182B) Hex(080017) Hex(000000)

	Hex(4B4359)	Hex(342D42)	Hex(1F182B)	Hex(080017)	Hex(000000)
Hex(4B4359)		Ratio: 1.40 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(342D42)	Ratio: 1.40 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(1F182B)	Ratio: 1.84 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(080017)	Ratio: 2.20 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 2.25 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 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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