

Converting Colors - WCAG Matrix

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

Hex(8C516A) Hex(B55980) Hex(51888C) Hex(453E41) Hex(850038) Hex(050002)

	Hex(8C516A)	Hex(B55980)	Hex(51888C)	Hex(453E41)	Hex(850038)	Hex(050002)
Hex(8C516A)		Ratio: 1.34 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(B55980)	Ratio: 1.34 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(51888C)	Ratio: 1.50 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴
Hex(453E41)	Ratio: 1.73 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(850038)	Ratio: 1.70 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.04 Failed ⁵
Hex(050002)	Ratio: 3.47 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.04 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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