

Converting Colors - WCAG Matrix

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

Hex(71527F) Hex(905EA6) Hex(7F5277) Hex(3E3940) Hex(580080) Hex(000000)

	Hex(71527F)	Hex(905EA6)	Hex(7F5277)	Hex(3E3940)	Hex(580080)	Hex(000000)
Hex(71527F)		Ratio: 1.35 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(905EA6)	Ratio: 1.35 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 4.34 AA 18pt ²
Hex(7F5277)	Ratio: 1.05 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(3E3940)	Ratio: 1.72 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(580080)	Ratio: 1.86 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.73 Failed ⁵
Hex(000000)	Ratio: 3.22 AA 18pt ²	Ratio: 4.34 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 1.73 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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