

Converting Colors - WCAG Matrix

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

Hex(5D5280) Hex(705EA6) Hex(745280) Hex(3B3940) Hex(1E0080) Hex(000000)

	Hex(5D5280)	Hex(705EA6)	Hex(745280)	Hex(3B3940)	Hex(1E0080)	Hex(000000)
Hex(5D5280)		Ratio: 1.29 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(705EA6)	Ratio: 1.29 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.84 AA 18pt ²
Hex(745280)	Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(3B3940)	Ratio: 1.62 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(1E0080)	Ratio: 2.18 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.37 Failed ⁵
Hex(000000)	Ratio: 2.98 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 1.37 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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