

Converting Colors - WCAG Matrix

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

Hex(730047) Hex(966985) Hex(2A0073) Hex(4D3142) Hex(CCCCCC) Hex(4D4D4D)

	Hex(730047)	Hex(966985)	Hex(2A0073)	Hex(4D3142)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(730047)		Ratio: 2.56 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 7.18 Passed ⁶	Ratio: 1.36 Failed ⁵
Hex(966985)	Ratio: 2.56 Failed ⁵		Ratio: 3.46 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(2A0073)	Ratio: 1.35 Failed ⁵	Ratio: 3.46 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 9.72 Passed ⁶	Ratio: 1.85 Failed ⁵
Hex(4D3142)	Ratio: 1.01 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 7.13 Passed ⁶	Ratio: 1.35 Failed ⁵
Hex(CCCCCC)	Ratio: 7.18 Passed ⁶	Ratio: 2.81 Failed ⁵	Ratio: 9.72 Passed ⁶	Ratio: 7.13 Passed ⁶		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.36 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	

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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