

Converting Colors - WCAG Matrix

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

Hex(645C68) Hex(817487) Hex(685C66) Hex(312E33) Hex(4D0073) Hex(A200F2)

	Hex(645C68)	Hex(817487)	Hex(685C66)	Hex(312E33)	Hex(4D0073)	Hex(A200F2)
Hex(645C68)		Ratio: 1.46 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(817487)	Ratio: 1.46 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 1.25 Failed ⁵
Hex(685C66)	Ratio: 1.01 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(312E33)	Ratio: 2.09 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.11 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(4D0073)	Ratio: 2.09 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(A200F2)	Ratio: 1.17 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.44 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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