

Converting Colors - WCAG Matrix

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

Hex(64325E) Hex(823479) Hex(643245) Hex(332E32) Hex(730065) Hex(F200D5)

	Hex(64325E)	Hex(823479)	Hex(643245)	Hex(332E32)	Hex(730065)	Hex(F200D5)
Hex(64325E)		Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(823479)	Ratio: 1.26 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(643245)	Ratio: 1.04 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(332E32)	Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(730065)	Ratio: 1.13 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.99 Failed ⁵
Hex(F200D5)	Ratio: 2.66 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 2.99 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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