

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(725057) Hex(945F6A) Hex(506872) Hex(383234) Hex(780019) Hex(F70033)

	Hex(725057)	Hex(945F6A)	Hex(506872)	Hex(383234)	Hex(780019)	Hex(F70033)
Hex(725057)		Ratio: 1.37 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(945F6A)	Ratio: 1.37 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(506872)	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(383234)	Ratio: 1.79 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(780019)	Ratio: 1.66 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(F70033)	Ratio: 1.67 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 2.76 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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