

Converting Colors - WCAG Matrix

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

Hex(944F90) Hex(793676) Hex(5F1D5D) Hex(460045) Hex(2F002F) Hex(11001A) Hex(000000)

	Hex(944F90)	Hex(793676)	Hex(5F1D5D)	Hex(460045)	Hex(2F002F)	Hex(11001A)	Hex(000000)
Hex(944F90)		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 3.78 AA 18pt ²
Hex(793676)	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(5F1D5D)	Ratio: 2.08 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(460045)	Ratio: 2.81 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(2F002F)	Ratio: 3.25 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(11001A)	Ratio: 3.64 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 3.78 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.04 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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