

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(524F9E) Hex(5753CF) Hex(794F9E) Hex(47474F) Hex(05008F) Hex(01000F)

	Hex(524F9E)	Hex(5753CF)	Hex(794F9E)	Hex(47474F)	Hex(05008F)	Hex(01000F)
Hex(524F9E)		Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(5753CF)	Ratio: 1.19 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(794F9E)	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(47474F)	Ratio: 1.30 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(05008F)	Ratio: 2.12 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.39 Failed ⁵
Hex(01000F)	Ratio: 2.95 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.39 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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