

Converting Colors - WCAG Matrix

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

Hex(4F23BB) Hex(4A05F2) Hex(9A23BB) Hex(58555E) Hex(2E009E) Hex(09001F)

	Hex(4F23BB)	Hex(4A05F2)	Hex(9A23BB)	Hex(58555E)	Hex(2E009E)	Hex(09001F)
Hex(4F23BB)		Ratio: 1.13 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(4A05F2)	Ratio: 1.13 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(9A23BB)	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(58555E)	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(2E009E)	Ratio: 1.42 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.56 Failed ⁵
Hex(09001F)	Ratio: 2.22 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.56 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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