

Converting Colors - WCAG Matrix

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

Hex(4D21A4) Hex(4E09D6) Hex(8E21A4) Hex(4C4952) Hex(310091) Hex(060012)

	Hex(4D21A4)	Hex(4E09D6)	Hex(8E21A4)	Hex(4C4952)	Hex(310091)	Hex(060012)
Hex(4D21A4)		Ratio: 1.13 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(4E09D6)	Ratio: 1.13 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(8E21A4)	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(4C4952)	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(310091)	Ratio: 1.34 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.51 Failed ⁵
Hex(060012)	Ratio: 2.04 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.51 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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