

Converting Colors - WCAG Matrix

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

Hex(471AA3) Hex(4700D4) Hex(8C1AA3) Hex(4D4A52) Hex(300091) Hex(050012)

	Hex(471AA3)	Hex(4700D4)	Hex(8C1AA3)	Hex(4D4A52)	Hex(300091)	Hex(050012)
Hex(471AA3)		Ratio: 1.14 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(4700D4)	Ratio: 1.14 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(8C1AA3)	Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(4D4A52)	Ratio: 1.24 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(300091)	Ratio: 1.27 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.51 Failed ⁵
Hex(050012)	Ratio: 1.92 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.38 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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