

Converting Colors - WCAG Matrix

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

Hex(1A00A1) Hex(2200D1) Hex(6900A1) Hex(4B4952) Hex(170091) Hex(030012)

	Hex(1A00A1)	Hex(2200D1)	Hex(6900A1)	Hex(4B4952)	Hex(170091)	Hex(030012)
Hex(1A00A1)		Ratio: 1.28 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(2200D1)	Ratio: 1.28 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(6900A1)	Ratio: 1.36 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(4B4952)	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(170091)	Ratio: 1.08 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.43 Failed ⁵
Hex(030012)	Ratio: 1.54 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.43 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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