

Converting Colors - WCAG Matrix

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

Hex(417249) Hex(36723F) Hex(2A7236) Hex(1F722C) Hex(137223) Hex(087219) Hex(007213)

	Hex(417249)	Hex(36723F)	Hex(2A7236)	Hex(1F722C)	Hex(137223)	Hex(087219)	Hex(007213)
Hex(417249)		Ratio: 1.03 Failed⁵	Ratio: 1.05 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 1.08 Failed⁵	Ratio: 1.09 Failed⁵	Ratio: 1.09 Failed⁵
Hex(36723F)	Ratio: 1.03 Failed⁵		Ratio: 1.02 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.05 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 1.06 Failed⁵
Hex(2A7236)	Ratio: 1.05 Failed⁵	Ratio: 1.02 Failed⁵		Ratio: 1.02 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.04 Failed⁵
Hex(1F722C)	Ratio: 1.06 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.02 Failed⁵		Ratio: 1.01 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.02 Failed⁵
Hex(137223)	Ratio: 1.08 Failed⁵	Ratio: 1.05 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 1.01 Failed⁵		Ratio: 1.01 Failed⁵	Ratio: 1.01 Failed⁵
Hex(087219)	Ratio: 1.09 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.01 Failed⁵		Ratio: 1.00 Failed⁵
Hex(007213)	Ratio: 1.09 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 1.00 Failed⁵	

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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