

Converting Colors - WCAG Matrix

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

Hex(234342) Hex(1C4342) Hex(164341) Hex(0F4341) Hex(084341) Hex(024341) Hex(004341)

	Hex(234342)	Hex(1C4342)	Hex(164341)	Hex(0F4341)	Hex(084341)	Hex(024341)	Hex(004341)
Hex(234342)		Ratio: 1.01 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.04 Failed⁵
Hex(1C4342)	Ratio: 1.01 Failed⁵		Ratio: 1.01 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 1.03 Failed⁵
Hex(164341)	Ratio: 1.02 Failed⁵	Ratio: 1.01 Failed⁵		Ratio: 1.01 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.02 Failed⁵
Hex(0F4341)	Ratio: 1.03 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.01 Failed⁵		Ratio: 1.01 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 1.01 Failed⁵
Hex(084341)	Ratio: 1.03 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 1.01 Failed⁵		Ratio: 1.00 Failed⁵	Ratio: 1.01 Failed⁵
Hex(024341)	Ratio: 1.04 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 1.00 Failed⁵		Ratio: 1.00 Failed⁵
Hex(004341)	Ratio: 1.04 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.01 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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