

Converting Colors - WCAG Matrix

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

Hex(292921) Hex(353629) Hex(252921) Hex(141412) Hex(525400) Hex(CFD400)

	Hex(292921)	Hex(353629)	Hex(252921)	Hex(141412)	Hex(525400)	Hex(CFD400)
Hex(292921)		Ratio: 1.19 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 9.12 Passed ⁶
Hex(353629)	Ratio: 1.19 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 7.64 Passed ⁶
Hex(252921)	Ratio: 1.01 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 9.22 Passed ⁶
Hex(141412)	Ratio: 1.26 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 11.48 Passed ⁶
Hex(525400)	Ratio: 1.83 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 4.98 AA ¹ AAA 18pt ⁴
Hex(CFD400)	Ratio: 9.12 Passed ⁶	Ratio: 7.64 Passed ⁶	Ratio: 9.22 Passed ⁶	Ratio: 11.48 Passed ⁶	Ratio: 4.98 AA ¹ AAA 18pt ⁴	

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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