

Converting Colors - WCAG Matrix

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

Hex(1D2400) Hex(252E00) Hex(0B2400) Hex(111210) Hex(415200) Hex(A7D100)

	Hex(1D2400)	Hex(252E00)	Hex(0B2400)	Hex(111210)	Hex(415200)	Hex(A7D100)
Hex(1D2400)		Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 9.02 Passed ⁶
Hex(252E00)	Ratio: 1.13 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 8.01 Passed ⁶
Hex(0B2400)	Ratio: 1.03 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 9.29 Passed ⁶
Hex(111210)	Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 10.52 Passed ⁶
Hex(415200)	Ratio: 1.86 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(A7D100)	Ratio: 9.02 Passed ⁶	Ratio: 8.01 Passed ⁶	Ratio: 9.29 Passed ⁶	Ratio: 10.52 Passed ⁶	Ratio: 4.84 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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