

Converting Colors - WCAG Matrix

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

Hex(1C2116) Hex(232B1A) Hex(162116) Hex(111210) Hex(285200) Hex(67D100)

	Hex(1C2116)	Hex(232B1A)	Hex(162116)	Hex(111210)	Hex(285200)	Hex(67D100)
Hex(1C2116)		Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 8.37 Passed ⁶
Hex(232B1A)	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 7.47 Passed ⁶
Hex(162116)	Ratio: 1.01 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 8.47 Passed ⁶
Hex(111210)	Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 9.57 Passed ⁶
Hex(285200)	Ratio: 1.80 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(67D100)	Ratio: 8.37 Passed ⁶	Ratio: 7.47 Passed ⁶	Ratio: 8.47 Passed ⁶	Ratio: 9.57 Passed ⁶	Ratio: 4.66 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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