

Converting Colors - WCAG Matrix

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

Hex(232320) Hex(2E2E29) Hex(222320) Hex(121210) Hex(525200) Hex(D1D100)

	Hex(232320)	Hex(2E2E29)	Hex(222320)	Hex(121210)	Hex(525200)	Hex(D1D100)
Hex(232320)		Ratio: 1.15 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 9.63 Passed ⁶
Hex(2E2E29)	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 8.34 Passed ⁶
Hex(222320)	Ratio: 1.00 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 9.65 Passed ⁶
Hex(121210)	Ratio: 1.19 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 11.46 Passed ⁶
Hex(525200)	Ratio: 1.92 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(D1D100)	Ratio: 9.63 Passed ⁶	Ratio: 8.34 Passed ⁶	Ratio: 9.65 Passed ⁶	Ratio: 11.46 Passed ⁶	Ratio: 5.00 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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