

Converting Colors - WCAG Matrix

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

Hex(2A3026) Hex(364030) Hex(263027) Hex(181A17) Hex(245900) Hex(57D900)

	Hex(2A3026)	Hex(364030)	Hex(263027)	Hex(181A17)	Hex(245900)	Hex(57D900)
Hex(2A3026)		Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 7.31 Passed ⁶
Hex(364030)	Ratio: 1.25 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 5.86 AA ¹ AAA 18pt ⁴
Hex(263027)	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 7.38 Passed ⁶
Hex(181A17)	Ratio: 1.29 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 9.45 Passed ⁶
Hex(245900)	Ratio: 1.62 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(57D900)	Ratio: 7.31 Passed ⁶	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 7.38 Passed ⁶	Ratio: 9.45 Passed ⁶	Ratio: 4.52 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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