

Converting Colors - WCAG Matrix

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

Hex(2D3C24) Hex(374F29) Hex(243C27) Hex(1D1F1C) Hex(235E00) Hex(53DE00)

	Hex(2D3C24)	Hex(374F29)	Hex(243C27)	Hex(1D1F1C)	Hex(235E00)	Hex(53DE00)
Hex(2D3C24)		Ratio: 1.30 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 6.63 AA ¹ AAA 18pt ⁴
Hex(374F29)	Ratio: 1.30 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(243C27)	Ratio: 1.02 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 6.75 AA ¹ AAA 18pt ⁴
Hex(1D1F1C)	Ratio: 1.41 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 9.34 Passed ⁶
Hex(235E00)	Ratio: 1.50 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 4.42 AA 18pt ²
Hex(53DE00)	Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 9.34 Passed ⁶	Ratio: 4.42 AA 18pt ²	

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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