

Converting Colors - WCAG Matrix

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

Hex(33452B) Hex(3D5931) Hex(2B4530) Hex(212420) Hex(1F6300) Hex(46E300)

	Hex(33452B)	Hex(3D5931)	Hex(2B4530)	Hex(212420)	Hex(1F6300)	Hex(46E300)
Hex(33452B)		Ratio: 1.32 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 6.04 AA ¹ AAA 18pt ⁴
Hex(3D5931)	Ratio: 1.32 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(2B4530)	Ratio: 1.02 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 6.13 AA ¹ AAA 18pt ⁴
Hex(212420)	Ratio: 1.52 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 9.16 Passed ⁶
Hex(1F6300)	Ratio: 1.40 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.31 AA 18pt ²
Hex(46E300)	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 9.16 Passed ⁶	Ratio: 4.31 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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