

Converting Colors - WCAG Matrix

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

Hex(275223) Hex(286B22) Hex(235236) Hex(252925) Hex(096900) Hex(13E800)

	Hex(275223)	Hex(286B22)	Hex(235236)	Hex(252925)	Hex(096900)	Hex(13E800)
Hex(275223)		Ratio: 1.39 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴
Hex(286B22)	Ratio: 1.39 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(235236)	Ratio: 1.01 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(252925)	Ratio: 1.63 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 8.84 Passed ⁶
Hex(096900)	Ratio: 1.31 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.15 AA 18pt ²
Hex(13E800)	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 8.84 Passed ⁶	Ratio: 4.15 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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