

Converting Colors - WCAG Matrix

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

Hex(2D302D) Hex(3A4039) Hex(2D302E) Hex(171A17) Hex(075900) Hex(12D900)

	Hex(2D302D)	Hex(3A4039)	Hex(2D302E)	Hex(171A17)	Hex(075900)	Hex(12D900)
Hex(2D302D)		Ratio: 1.25 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 6.97 AA ¹ AAA 18pt ⁴
Hex(3A4039)	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.55 AA ¹ AAA 18pt ⁴
Hex(2D302E)	Ratio: 1.00 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴
Hex(171A17)	Ratio: 1.31 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 9.15 Passed ⁶
Hex(075900)	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 4.49 AA 18pt ²
Hex(12D900)	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 9.15 Passed ⁶	Ratio: 4.49 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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