

Converting Colors - WCAG Matrix

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

Hex(001230) Hex(2D3440) Hex(00301F) Hex(151A21) Hex(A1A1A1) Hex(212121)

	Hex(001230)	Hex(2D3440)	Hex(00301F)	Hex(151A21)	Hex(A1A1A1)	Hex(212121)
Hex(001230)		Ratio: 1.48 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 7.20 Passed ⁶	Ratio: 1.15 Failed ⁵
Hex(2D3440)	Ratio: 1.48 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(00301F)	Ratio: 1.28 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(151A21)	Ratio: 1.06 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(A1A1A1)	Ratio: 7.20 Passed ⁶	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 6.76 AA ¹ AAA 18pt ⁴		Ratio: 6.23 AA ¹ AAA 18pt ⁴
Hex(212121)	Ratio: 1.15 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 6.23 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.

This PDF was generated on convertingcolors.com.