

Converting Colors - WCAG Matrix

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

Hex(16151F) Hex(262529) Hex(151E1F) Hex(121214) Hex(949494) Hex(141414)

	Hex(16151F)	Hex(262529)	Hex(151E1F)	Hex(121214)	Hex(949494)	Hex(141414)
Hex(16151F)		Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(262529)	Ratio: 1.19 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(151E1F)	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(121214)	Ratio: 1.03 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(949494)	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴		Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(141414)	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.07 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.

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