

Converting Colors - WCAG Matrix

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

Hex(1E1820) Hex(282629) Hex(181A20) Hex(141214) Hex(949494) Hex(141414)

	Hex(1E1820)	Hex(282629)	Hex(181A20)	Hex(141214)	Hex(949494)	Hex(141414)
Hex(1E1820)		Ratio: 1.16 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(282629)	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(181A20)	Ratio: 1.00 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(141214)	Ratio: 1.07 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(949494)	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(141414)	Ratio: 1.06 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 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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