

Converting Colors - WCAG Matrix

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

Hex(19191D) Hex(252526) Hex(191D1D) Hex(131314) Hex(949494) Hex(141414)

	Hex(19191D)	Hex(252526)	Hex(191D1D)	Hex(131314)	Hex(949494)	Hex(141414)
Hex(19191D)		Ratio: 1.14 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(252526)	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(191D1D)	Ratio: 1.03 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(131314)	Ratio: 1.06 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(949494)	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 6.12 AA ¹ AAA 18pt ⁴		Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(141414)	Ratio: 1.05 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 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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