

Converting Colors - WCAG Matrix

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

Hex(1D1119) Hex(262225) Hex(15111D) Hex(141213) Hex(949494) Hex(141414)

	Hex(1D1119)	Hex(262225)	Hex(15111D)	Hex(141213)	Hex(949494)	Hex(141414)
Hex(1D1119)		Ratio: 1.17 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(262225)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(15111D)	Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(141213)	Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(949494)	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(141414)	Ratio: 1.01 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.01 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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