

Converting Colors - WCAG Matrix

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

Hex(262316) Hex(302F2A) Hex(261619) Hex(1A1915) Hex(999999) Hex(1A1A1A)

	Hex(262316)	Hex(302F2A)	Hex(261619)	Hex(1A1915)	Hex(999999)	Hex(1A1A1A)
Hex(262316)		Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(302F2A)	Ratio: 1.17 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(261619)	Ratio: 1.10 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(1A1915)	Ratio: 1.12 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(999999)	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴		Ratio: 6.11 AA ¹ AAA 18pt ⁴
Hex(1A1A1A)	Ratio: 1.11 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.11 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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