

Converting Colors - WCAG Matrix

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

Hex(112722) Hex(2A3331) Hex(162711) Hex(141A18) Hex(999999) Hex(1A1A1A)

	Hex(112722)	Hex(2A3331)	Hex(162711)	Hex(141A18)	Hex(999999)	Hex(1A1A1A)
Hex(112722)		Ratio: 1.21 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(2A3331)	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(162711)	Ratio: 1.00 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(141A18)	Ratio: 1.12 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(999999)	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 6.19 AA ¹ AAA 18pt ⁴		Ratio: 6.11 AA ¹ AAA 18pt ⁴
Hex(1A1A1A)	Ratio: 1.11 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 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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