

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(111C28) Hex(2A2F33) Hex(11281C) Hex(141719) Hex(999999) Hex(191919)

	Hex(111C28)	Hex(2A2F33)	Hex(11281C)	Hex(141719)	Hex(999999)	Hex(191919)
Hex(111C28)		Ratio: 1.27 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(2A2F33)	Ratio: 1.27 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(11281C)	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(141719)	Ratio: 1.05 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(999999)	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 6.32 AA ¹ AAA 18pt ⁴		Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(191919)	Ratio: 1.02 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.17 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.