

Converting Colors - WCAG Matrix

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

Hex(111E3D) Hex(3E434F) Hex(113D30) Hex(1E2129) Hex(A8A8A8) Hex(292929)

	Hex(111E3D)	Hex(3E434F)	Hex(113D30)	Hex(1E2129)	Hex(A8A8A8)	Hex(292929)
Hex(111E3D)		Ratio: 1.66 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(3E434F)	Ratio: 1.66 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(113D30)	Ratio: 1.36 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(1E2129)	Ratio: 1.02 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(A8A8A8)	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 4.16 AA 18pt ²	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 6.77 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.13 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 6.12 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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