

Converting Colors - WCAG Matrix

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

Hex(15153C) Hex(3F3F4F) Hex(153C3C) Hex(1F1F29) Hex(A8A8A8) Hex(292929)

	Hex(15153C)	Hex(3F3F4F)	Hex(153C3C)	Hex(1F1F29)	Hex(A8A8A8)	Hex(292929)
Hex(15153C)		Ratio: 1.69 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 7.33 Passed ⁶	Ratio: 1.20 Failed ⁵
Hex(3F3F4F)	Ratio: 1.69 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(153C3C)	Ratio: 1.45 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(1F1F29)	Ratio: 1.07 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 6.87 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(A8A8A8)	Ratio: 7.33 Passed ⁶	Ratio: 4.34 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 6.87 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.12 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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