

Converting Colors - WCAG Matrix

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

Hex(00021F) Hex(1D1D29) Hex(001F1C) Hex(0D0E14) Hex(949494) Hex(141414)

	Hex(00021F)	Hex(1D1D29)	Hex(001F1C)	Hex(0D0E14)	Hex(949494)	Hex(141414)
Hex(00021F)		Ratio: 1.23 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(1D1D29)	Ratio: 1.23 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(001F1C)	Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(0D0E14)	Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(949494)	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴		Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(141414)	Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.07 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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