

Converting Colors - WCAG Matrix

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

Hex(1F0800) Hex(29211C) Hex(1F0017) Hex(140F0D) Hex(949494) Hex(141414)

	Hex(1F0800)	Hex(29211C)	Hex(1F0017)	Hex(140F0D)	Hex(949494)	Hex(141414)
Hex(1F0800)		Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(29211C)	Ratio: 1.22 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(1F0017)	Ratio: 1.02 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(140F0D)	Ratio: 1.01 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(949494)	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 6.27 AA ¹ AAA 18pt ⁴		Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(141414)	Ratio: 1.04 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 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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