

# Converting Colors - WCAG Matrix

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

Hex(1F191D) Hex(292126) Hex(191B1F) Hex(0F0E0F) Hex(4F0039) Hex(CF0094)

	Hex(1F191D)	Hex(292126)	Hex(191B1F)	Hex(0F0E0F)	Hex(4F0039)	Hex(CF0094)
Hex(1F191D)		Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.00 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.15 Failed <sup>5</sup>	Ratio: 3.36 AA 18pt <sup>2</sup>
Hex(292126)	Ratio: 1.10 Failed <sup>5</sup>		Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 3.05 AA 18pt <sup>2</sup>
Hex(191B1F)	Ratio: 1.00 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>		Ratio: 1.12 Failed <sup>5</sup>	Ratio: 1.14 Failed <sup>5</sup>	Ratio: 3.35 AA 18pt <sup>2</sup>
Hex(0F0E0F)	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.12 Failed <sup>5</sup>		Ratio: 1.28 Failed <sup>5</sup>	Ratio: 3.74 AA 18pt <sup>2</sup>
Hex(4F0039)	Ratio: 1.15 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.14 Failed <sup>5</sup>	Ratio: 1.28 Failed <sup>5</sup>		Ratio: 2.93 Failed <sup>5</sup>
Hex(CF0094)	Ratio: 3.36 AA 18pt <sup>2</sup>	Ratio: 3.05 AA 18pt <sup>2</sup>	Ratio: 3.35 AA 18pt <sup>2</sup>	Ratio: 3.74 AA 18pt <sup>2</sup>	Ratio: 2.93 Failed <sup>5</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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