

# Converting Colors - WCAG Matrix

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

**Hex(5D4134) Hex(442B1F) Hex(2E1607) Hex(170000) Hex(000000)**

	Hex(5D4134)	Hex(442B1F)	Hex(2E1607)	Hex(170000)	Hex(000000)
Hex(5D4134)		Ratio: 1.41 Failed <sup>5</sup>	Ratio: 1.84 Failed <sup>5</sup>	Ratio: 2.19 Failed <sup>5</sup>	Ratio: 2.27 Failed <sup>5</sup>
Hex(442B1F)	Ratio: 1.41 Failed <sup>5</sup>		Ratio: 1.31 Failed <sup>5</sup>	Ratio: 1.55 Failed <sup>5</sup>	Ratio: 1.61 Failed <sup>5</sup>
Hex(2E1607)	Ratio: 1.84 Failed <sup>5</sup>	Ratio: 1.31 Failed <sup>5</sup>		Ratio: 1.19 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>
Hex(170000)	Ratio: 2.19 Failed <sup>5</sup>	Ratio: 1.55 Failed <sup>5</sup>	Ratio: 1.19 Failed <sup>5</sup>		Ratio: 1.04 Failed <sup>5</sup>
Hex(000000)	Ratio: 2.27 Failed <sup>5</sup>	Ratio: 1.61 Failed <sup>5</sup>	Ratio: 1.23 Failed <sup>5</sup>	Ratio: 1.04 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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