

# Converting Colors - WCAG Matrix

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

**Hex(0F0C99) Hex(0400C7) Hex(550C99) Hex(45454D) Hex(03008C) Hex(00000D)**

	Hex(0F0C99)	Hex(0400C7)	Hex(550C99)	Hex(45454D)	Hex(03008C)	Hex(00000D)
Hex(0F0C99)		Ratio: <a href="#">1.19</a> Failed <sup>5</sup>	Ratio: <a href="#">1.24</a> Failed <sup>5</sup>	Ratio: <a href="#">1.44</a> Failed <sup>5</sup>	Ratio: <a href="#">1.11</a> Failed <sup>5</sup>	Ratio: <a href="#">1.52</a> Failed <sup>5</sup>
Hex(0400C7)	Ratio: <a href="#">1.19</a> Failed <sup>5</sup>		Ratio: <a href="#">1.04</a> Failed <sup>5</sup>	Ratio: <a href="#">1.21</a> Failed <sup>5</sup>	Ratio: <a href="#">1.32</a> Failed <sup>5</sup>	Ratio: <a href="#">1.82</a> Failed <sup>5</sup>
Hex(550C99)	Ratio: <a href="#">1.24</a> Failed <sup>5</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>		Ratio: <a href="#">1.16</a> Failed <sup>5</sup>	Ratio: <a href="#">1.37</a> Failed <sup>5</sup>	Ratio: <a href="#">1.89</a> Failed <sup>5</sup>
Hex(45454D)	Ratio: <a href="#">1.44</a> Failed <sup>5</sup>	Ratio: <a href="#">1.21</a> Failed <sup>5</sup>	Ratio: <a href="#">1.16</a> Failed <sup>5</sup>		Ratio: <a href="#">1.60</a> Failed <sup>5</sup>	Ratio: <a href="#">2.20</a> Failed <sup>5</sup>
Hex(03008C)	Ratio: <a href="#">1.11</a> Failed <sup>5</sup>	Ratio: <a href="#">1.32</a> Failed <sup>5</sup>	Ratio: <a href="#">1.37</a> Failed <sup>5</sup>	Ratio: <a href="#">1.60</a> Failed <sup>5</sup>		Ratio: <a href="#">1.37</a> Failed <sup>5</sup>
Hex(00000D)	Ratio: <a href="#">1.52</a> Failed <sup>5</sup>	Ratio: <a href="#">1.82</a> Failed <sup>5</sup>	Ratio: <a href="#">1.89</a> Failed <sup>5</sup>	Ratio: <a href="#">2.20</a> Failed <sup>5</sup>	Ratio: <a href="#">1.37</a> 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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