

# Converting Colors - WCAG Matrix

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

**Hex(2F0075) Hex(3D0099) Hex(680075) Hex(37353B) Hex(31007A) Hex(6400FA)**

	Hex(2F0075)	Hex(3D0099)	Hex(680075)	Hex(37353B)	Hex(31007A)	Hex(6400FA)
Hex(2F0075)		Ratio: <a href="#">1.20</a> Failed <sup>5</sup>	Ratio: <a href="#">1.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.26</a> Failed <sup>5</sup>	Ratio: <a href="#">1.02</a> Failed <sup>5</sup>	Ratio: <a href="#">2.12</a> Failed <sup>5</sup>
Hex(3D0099)	Ratio: <a href="#">1.20</a> Failed <sup>5</sup>		Ratio: <a href="#">1.11</a> Failed <sup>5</sup>	Ratio: <a href="#">1.05</a> Failed <sup>5</sup>	Ratio: <a href="#">1.17</a> Failed <sup>5</sup>	Ratio: <a href="#">1.76</a> Failed <sup>5</sup>
Hex(680075)	Ratio: <a href="#">1.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.11</a> Failed <sup>5</sup>		Ratio: <a href="#">1.06</a> Failed <sup>5</sup>	Ratio: <a href="#">1.31</a> Failed <sup>5</sup>	Ratio: <a href="#">1.58</a> Failed <sup>5</sup>
Hex(37353B)	Ratio: <a href="#">1.26</a> Failed <sup>5</sup>	Ratio: <a href="#">1.05</a> Failed <sup>5</sup>	Ratio: <a href="#">1.06</a> Failed <sup>5</sup>		Ratio: <a href="#">1.23</a> Failed <sup>5</sup>	Ratio: <a href="#">1.68</a> Failed <sup>5</sup>
Hex(31007A)	Ratio: <a href="#">1.02</a> Failed <sup>5</sup>	Ratio: <a href="#">1.17</a> Failed <sup>5</sup>	Ratio: <a href="#">1.31</a> Failed <sup>5</sup>	Ratio: <a href="#">1.23</a> Failed <sup>5</sup>		Ratio: <a href="#">2.07</a> Failed <sup>5</sup>
Hex(6400FA)	Ratio: <a href="#">2.12</a> Failed <sup>5</sup>	Ratio: <a href="#">1.76</a> Failed <sup>5</sup>	Ratio: <a href="#">1.58</a> Failed <sup>5</sup>	Ratio: <a href="#">1.68</a> Failed <sup>5</sup>	Ratio: <a href="#">2.07</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.

This PDF was generated on [convertingcolors.com](http://convertingcolors.com).