

# Converting Colors - WCAG Matrix

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

**Hex(605C66) Hex(7C7585) Hex(655C66) Hex(302E33) Hex(330073) Hex(6C00F2)**

	Hex(605C66)	Hex(7C7585)	Hex(655C66)	Hex(302E33)	Hex(330073)	Hex(6C00F2)
Hex(605C66)		<a href="#">Ratio: 1.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>
Hex(7C7585)	<a href="#">Ratio: 1.47</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.03</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.41</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.62</a> Failed <sup>5</sup>
Hex(655C66)	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.36</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>
Hex(302E33)	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.03</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.09</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>
Hex(330073)	<a href="#">Ratio: 2.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.41</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.36</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.10</a> Failed <sup>5</sup>
Hex(6C00F2)	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.10</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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