

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(706075) Hex(979199) Hex(606575) Hex(4B484D) Hex(CCCCCC) Hex(4D4D4D)**

	Hex(706075)	Hex(979199)	Hex(606575)	Hex(4B484D)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(706075)		<a href="#">Ratio: 1.89</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.00</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.55</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.61</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.46</a> <a href="#">Failed<sup>5</sup></a>
Hex(979199)	<a href="#">Ratio: 1.89</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.89</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.93</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.92</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.75</a> <a href="#">Failed<sup>5</sup></a>
Hex(606575)	<a href="#">Ratio: 1.00</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.89</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.55</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.62</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.46</a> <a href="#">Failed<sup>5</sup></a>
Hex(4B484D)	<a href="#">Ratio: 1.55</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.93</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.55</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 5.60</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.06</a> <a href="#">Failed<sup>5</sup></a>
Hex(CCCCCC)	<a href="#">Ratio: 3.61</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.92</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.62</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 5.60</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>		<a href="#">Ratio: 5.26</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>
Hex(4D4D4D)	<a href="#">Ratio: 1.46</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.75</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.46</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.06</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 5.26</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	

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](https://convertingcolors.com).