

# Converting Colors - WCAG Matrix

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

**Hex(776C75) Hex(9C8A98) Hex(77746C) Hex(3B3539) Hex(7A0060) Hex(FA00C4)**

	Hex(776C75)	Hex(9C8A98)	Hex(77746C)	Hex(3B3539)	Hex(7A0060)	Hex(FA00C4)
Hex(776C75)		<a href="#">Ratio: 1.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.40</a> Failed <sup>5</sup>
Hex(9C8A98)	<a href="#">Ratio: 1.55</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.71</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.26</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>
Hex(77746C)	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>
Hex(3B3539)	<a href="#">Ratio: 2.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.71</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.56</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.34</a> AA 18pt <sup>2</sup>
Hex(7A0060)	<a href="#">Ratio: 2.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.26</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.94</a> Failed <sup>5</sup>
Hex(FA00C4)	<a href="#">Ratio: 1.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.34</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.94</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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