

# Converting Colors - WCAG Matrix

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

**Hex(576666) Hex(6D8583) Hex(575F66) Hex(2E3333) Hex(00736D) Hex(00F2E6)**

<b>Hex(576666)</b>		<a href="#">Ratio: 1.52</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.24</a> AA 18pt <sup>2</sup>
<b>Hex(6D8583)</b>	<a href="#">Ratio: 1.52</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.65</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.26</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.78</a> Failed <sup>5</sup>
<b>Hex(575F66)</b>	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.65</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.97</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.59</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(2E3333)</b>	<a href="#">Ratio: 2.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.26</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.97</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.06</a> Passed <sup>6</sup>
<b>Hex(00736D)</b>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.24</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.04</a> AA 18pt <sup>2</sup>
<b>Hex(00F2E6)</b>	<a href="#">Ratio: 4.24</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.78</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.59</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 9.06</a> Passed <sup>6</sup>	<a href="#">Ratio: 4.04</a> AA 18pt <sup>2</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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