

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(E0D8E5) Hex(F8EDFF) Hex(E5D8E3) Hex(6F6A73) Hex(6E00B3) Hex(1F0033)**

<b>Hex(E0D8E5)</b>		<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.80</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 6.54</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 13.67</a> Passed <sup>6</sup>
<b>Hex(F8EDFF)</b>	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.65</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 8.02</a> Passed <sup>6</sup>	<a href="#">Ratio: 16.77</a> Passed <sup>6</sup>
<b>Hex(E5D8E3)</b>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.83</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 6.60</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 13.80</a> Passed <sup>6</sup>
<b>Hex(6F6A73)</b>	<a href="#">Ratio: 3.80</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.65</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.83</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.60</a> AA 18pt <sup>2</sup>
<b>Hex(6E00B3)</b>	<a href="#">Ratio: 6.54</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 8.02</a> Passed <sup>6</sup>	<a href="#">Ratio: 6.60</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.09</a> Failed <sup>5</sup>
<b>Hex(1F0033)</b>	<a href="#">Ratio: 13.67</a> Passed <sup>6</sup>	<a href="#">Ratio: 16.77</a> Passed <sup>6</sup>	<a href="#">Ratio: 13.80</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.60</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.09</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

Failed 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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