

# Converting Colors - WCAG Matrix

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

**Hex(A1E31B) Hex(ABFF00) Hex(40E31B) Hex(6F7367) Hex(78B300) Hex(223300)**

	Hex(A1E31B)	Hex(ABFF00)	Hex(40E31B)	Hex(6F7367)	Hex(78B300)	Hex(223300)
Hex(A1E31B)		<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.13</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.77</a> Passed <sup>6</sup>
Hex(ABFF00)	<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.94</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 11.05</a> Passed <sup>6</sup>
Hex(40E31B)	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.93</a> Passed <sup>6</sup>
Hex(6F7367)	<a href="#">Ratio: 3.13</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.94</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.80</a> Failed <sup>5</sup>
Hex(78B300)	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.91</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.35</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(223300)	<a href="#">Ratio: 8.77</a> Passed <sup>6</sup>	<a href="#">Ratio: 11.05</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.93</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.35</a> AA <sup>1</sup> AAA 18pt <sup>4</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.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).