

# Converting Colors - WCAG Matrix

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

**Hex(B9B900) Hex(F2F200) Hex(60B900) Hex(5C5C53) Hex(9C9B00) Hex(1C1C00)**

	Hex(B9B900)	Hex(F2F200)	Hex(60B900)	Hex(5C5C53)	Hex(9C9B00)	Hex(1C1C00)
Hex(B9B900)		<a href="#">Ratio: 1.75</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.22</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.23</a> Passed <sup>6</sup>
Hex(F2F200)	<a href="#">Ratio: 1.75</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.62</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.46</a> Failed <sup>5</sup>	<a href="#">Ratio: 14.38</a> Passed <sup>6</sup>
Hex(60B900)	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.71</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.94</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(5C5C53)	<a href="#">Ratio: 3.22</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.62</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.71</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.56</a> Failed <sup>5</sup>
Hex(9C9B00)	<a href="#">Ratio: 1.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.46</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.84</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(1C1C00)	<a href="#">Ratio: 8.23</a> Passed <sup>6</sup>	<a href="#">Ratio: 14.38</a> Passed <sup>6</sup>	<a href="#">Ratio: 6.94</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.84</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.

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