

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(FFFF62) Hex(FFFF42) Hex(B1FF62) Hex(808073) Hex(BFBF00) Hex(404000)**

	Hex(FFFF62)	Hex(FFFF42)	Hex(B1FF62)	Hex(808073)	Hex(BFBF00)	Hex(404000)
Hex(FFFF62)		<a href="#">Ratio: 1.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.76</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.11</a> Passed <sup>6</sup>
Hex(FFFF42)	<a href="#">Ratio: 1.00</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.74</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.06</a> Passed <sup>6</sup>
Hex(B1FF62)	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.30</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.89</a> Passed <sup>6</sup>
Hex(808073)	<a href="#">Ratio: 3.76</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.74</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.30</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 2.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.69</a> Failed <sup>5</sup>
Hex(BFBF00)	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.03</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.47</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(404000)	<a href="#">Ratio: 10.11</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.06</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.89</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.69</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.47</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](http://convertingcolors.com).