

Converting Colors

CIELCh(88, 105.082, 126.517)

Have a look what the booklet for
CIELCh(88, 105.082, 126.517)
contains.

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Color

CIELCh(88, 104.875, 126.418)

Conversions

Conversions Part 1

Format	Color
Hex	89F701
RGB	137, 247, 1
RGB Percent	54%, 97%, 0%
CMY	0.4614, 0.0301, 0.9953
CMYK	0.44, 0.00, 1.00, 0.03
HSL	87°, 99%, 49%
HSV	87°, 100%, 97%
XYZ	43.7360, 72.0653, 11.6385
YIQ	186.0660, 13.4060, -99.8260

Conversions

Conversions Part 2

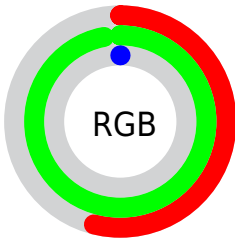
Format	Color
R_{YB}	1, 247, 111
Decimal	9041665
CIE _{Lab}	88.00, -62.26, 84.39
CIE _{LCh}	88, 104.875, 126.418
Yxy	72.0653, 0.3432, 0.5655
Android (android.graphics.Color)	4287231745 (0xFF89F701)
YUV	186.0660, -91.2375, -43.0309
Hunter-Lab	84.8913, -56.5964, 51.2953

Details

The CIELCh color **88, 104.875, 126.418** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **38, 123.355, 310.585**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 80.741, 120.588**, and **68, 90.708, 131.516** is the 20% darker color. If you saturate the color by 10%, you get **88, 105.035, 126.477**, and if you desaturate by 10%, it is **89, 101.101, 125.277**.

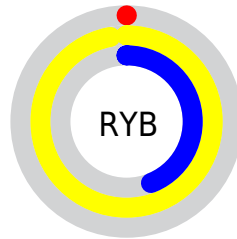
Distribution



Red (54%)

Green (97%)

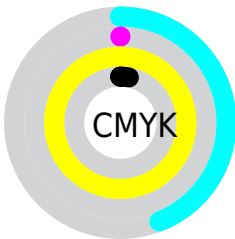
Blue (0%)



Red (0%)

Yellow (97%)

Blue (44%)

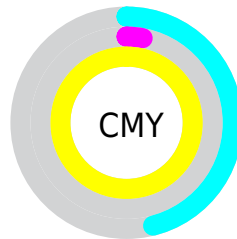


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (3%)



Cyan (46%)


Magenta (3%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 104.875, 126.418 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 88, 104.875, 126.418 by changing the saturation by 10% instead.


 88, 104.875,
126.418


 88, 104.875,
126.418


 100, 104.875,
126.418


 78, 104.875,
126.418


 68, 104.875,
126.418

 58, 104.875,
126.418

 48, 104.875,
126.418

 38, 104.875,
126.418

 28, 104.875,
126.418

 18, 104.875,

126.418

■ 8, 104.875,
126.418

■ 0, 104.875,
126.418

■ 88, 104.875,
126.418

■ 88, 104.875,
126.418

■ 88, 105.035,
126.477

■ 89, 101.101,
125.277

■ 89, 94.928,
124.604

■ 90, 86.384,
124.387

■ 91, 76.013,
124.501

■ 91, 64.386,
124.824

■ 92, 51.958,
125.263

■ 94, 39.051,
125.755

■ 95, 25.887,
126.260

■ 96, 12.615,
126.756

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88, 104.875, 126.418



38, 123.355, 310.585

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 104.875, 126.418



88, 104.875, 176.418



88, 104.875, 306.418



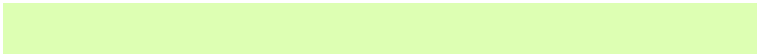
88, 104.875, 356.418

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88, 104.875, 126.419



96, 40.685, 125.728



62, 86.097, 54.824



51, 27.695, 125.517



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 104.875, 126.419



90, 107.522, 126.504



85, 116.595, 135.819



51, 7.476, 126.758



68, 84.635, 126.186



22, 35.927, 124.897

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38, 123.355, 310.585



39, 126.498, 310.540



56, 113.273, 325.589



47, 7.591, 307.637



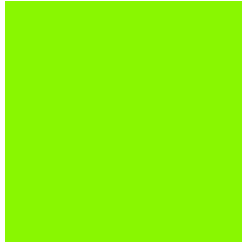
28, 99.633, 310.752



5, 41.343, 310.824

Previews

White Background



This preview shows how the CIELCh color 88, 104.875, 126.418 looks on a white background.

Color Contrast Check

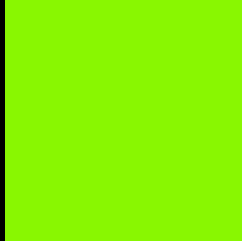
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 104.875, 126.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 104.875, 126.418

Background



This preview shows how black text looks on a background with the CIELCh color 88, 104.875, 126.418.

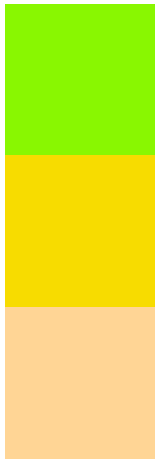


This preview shows how white text looks on a background with the CIELCh color 88, 104.875, 126.418.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


88, 104.806, 126.438

Protanopia

87, 87.535, 95.139

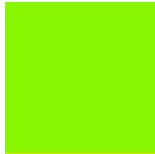
Deuteranopia

87, 37.652, 80.177



Tritanopia
88, 21.698, 224.116

Trichromacy



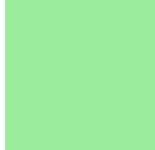
Original Color
88, 104.806, 126.438



Protanomaly
87, 90.293, 109.045



Deuteranomaly
86, 64.407, 109.604

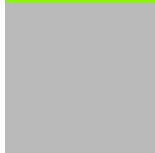


Tritanomaly
87, 49.898, 142.627

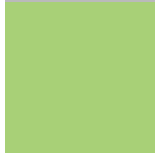
Monochromacy



Original Color
88, 104.806, 126.438



Achromatopsia
76, 0.009, 296.813



Achromatomaly
79, 48.794, 125.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 104.875, 126.418 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(137, 247, 1)` looks like.

```
.text, #text, p{  
    color:rgb(137, 247, 1)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(137, 247, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 247, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 104.875, 126.418 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 247, 1) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(137, 247, 1) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(137, 247, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 247, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 247, 1);  
box-shadow:4px 4px 4px 4px rgb(137, 247,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 104.875, 126.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 247, 1) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(137,  
247, 1) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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