

Converting Colors

CIELCh(88, 105.631, 129.477)

Have a look what the booklet for
CIELCh(88, 105.631, 129.477)
contains.

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Color

CIELCh(88, 105.595, 129.531)

Conversions

Conversions Part 1

Format	Color
Hex	79F91B
RGB	121, 249, 27
RGB Percent	47%, 98%, 11%
CMY	0.5245, 0.0226, 0.8922
CMYK	0.51, 0.00, 0.89, 0.02
HSL	95°, 95%, 54%
HSV	95°, 89%, 98%
XYZ	42.0752, 72.0653, 12.7579
YIQ	185.4200, -5.0260, -96.1780

Conversions

Conversions Part 2

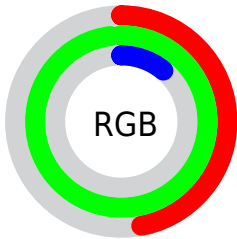
Format	Color
RYB	27, 249, 155
Decimal	7993627
CIELab	88.00, -67.21, 81.44
CIELCh	88, 105.595, 129.531
Yxy	72.0653, 0.3316, 0.5679
Android (android.graphics.Color)	4286183707 (0xFF79F91B)
YUV	185.4200, -78.1011, -56.4963
Hunter-Lab	84.8913, -60.0887, 50.5135

Details

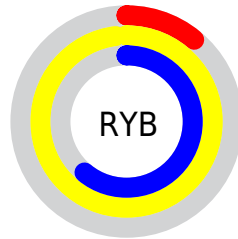
The CIELCh color **88, 105.595, 129.531** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **45, 115.893, 314.328**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 79.578, 124.886**, and **68, 93.726, 133.909** is the 20% darker color. If you saturate the color by 10%, you get **87, 109.795, 130.546**, and if you desaturate by 10%, it is **89, 98.855, 128.978**.

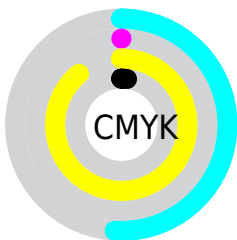
Distribution



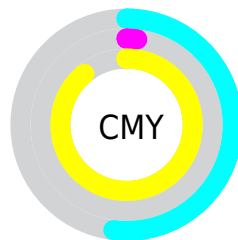
- Red (47%)
- Green (98%)
- Blue (11%)



- Red (11%)
- Yellow (98%)
- Blue (61%)



- Cyan (51%)
- Magenta (0%)
- Yellow (89%)
- Black (2%)





- Cyan (52%)
- Magenta (2%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 105.595, 129.531 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, 105.595, 129.531 by changing the saturation by 10% instead.


 88, 105.595,
129.531


 88, 105.595,
129.531


 100, 105.595,
129.531


 78, 105.595,
129.531

 68, 105.595,
129.531

 58, 105.595,
129.531

 48, 105.595,
129.531

 38, 105.595,
129.531

 28, 105.595,
129.531

 18, 105.595,

129.531

■ 8, 105.595,
129.531

■ 0, 105.595,
129.531

■ 88, 105.595,
129.531

■ 88, 105.595,
129.531

■ 87, 109.795,
130.546

■ 89, 98.855,
128.978

■ 87, 110.159,
130.653

■ 89, 89.704,
128.861

■ 90, 78.711,
129.052

■ 91, 66.459,
129.427

■ 92, 53.410,
129.893

■ 94, 39.899,
130.388

■ 95, 26.156,
130.879

■ 97, 12.345,
131.347

■ 98, 1.420, 311.639

Harmonies

Complementary

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



88, 105.595, 129.531



45, 115.893, 314.328

Rectangle

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



88, 105.595, 129.531



88, 105.595, 179.531



88, 105.595, 309.531



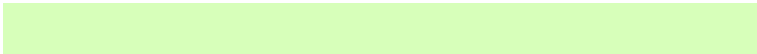
88, 105.595, 359.531

Sweetspot

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



88, 105.595, 129.532



96, 37.894, 130.485



72, 77.331, 68.755



51, 25.510, 130.315



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, 105.595, 129.532



89, 112.104, 130.672



86, 112.358, 137.261



51, 7.839, 131.323



68, 89.119, 130.389



22, 38.678, 129.089

Inverse Universe

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



45, 115.893, 314.328



43, 122.955, 313.574



59, 105.800, 330.771



48, 7.930, 312.109



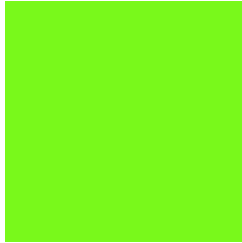
32, 97.886, 313.777



6, 43.244, 314.935

Previews

White Background



This preview shows how the CIELCh color 88, 105.595, 129.531 looks on a white background.

Color Contrast Check

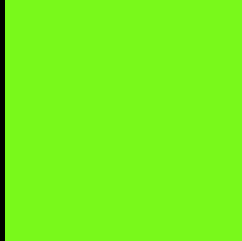
Large Text (above 18pt) WCAG AA × Fail

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, 105.595, 129.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

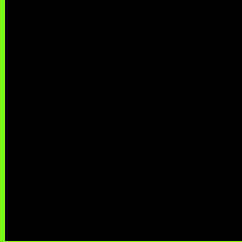
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 105.595, 129.531

Background



This preview shows how black text looks on a background with the CIELCh color 88, 105.595, 129.531.



This preview shows how white text looks on a background with the CIELCh color 88, 105.595, 129.531.

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, 105.595, 129.531

Protanopia

87, 86.240, 95.133

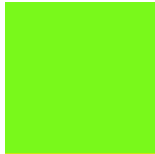
Deuteranopia

87, 37.892, 79.608



Tritanopia
88, 25.164, 220.123

Trichromacy



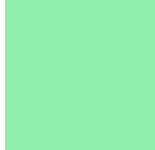
Original Color
88, 105.595, 129.531



Protanomaly
87, 89.217, 111.121



Deuteranomaly
86, 61.284, 112.808

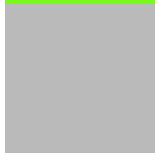


Tritanomaly
87, 49.242, 149.779

Monochromacy



Original Color
88, 105.595, 129.531



Achromatopsia
76, 0.009, 296.813



Achromatomaly
79, 46.100, 130.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 105.595, 129.531 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(121, 249, 27)` looks like.

```
.text, #text, p{  
    color:rgb(121, 249, 27)  
}
```

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(121, 249, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 249, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 105.595, 129.531 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(121, 249, 27) }
```

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

```
.border{ border-color:rgb(121, 249, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 249, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 249, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 249, 27);  
box-shadow:4px 4px 4px 4px rgb(121, 249,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 105.595, 129.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 249, 27) }
```

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

```
.background{ background-color: rgb(121,  
249, 27) }
```

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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