

Converting Colors

CIELCh(88, 61.134, 155.396)

Have a look what the booklet for
CIELCh(88, 61.134, 155.396)
contains.

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Color

CIELCh(88, 61.345, 155.220)

Conversions

Conversions Part 1

Format	Color
Hex	68F7AA
RGB	104, 247, 170
RGB Percent	41%, 97%, 67%
CMY	0.5939, 0.0330, 0.3349
CMYK	0.58, 0.00, 0.31, 0.03
HSL	148°, 89%, 69%
HSV	148°, 58%, 97%
XYZ	46.0056, 72.0653, 49.3209
YIQ	195.4650, -60.5110, -54.2630

Conversions

Conversions Part 2

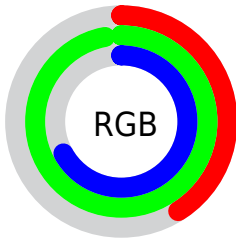
Format	Color
RYB	104, 202, 247
Decimal	6879146
CIELab	88.00, -55.70, 25.71
CIELCh	88, 61.345, 155.220
Yxy	72.0653, 0.2748, 0.4305
Android (android.graphics.Color)	4285069226 (0xFF68F7AA)
YUV	195.4650, -12.5542, -80.2148
Hunter-Lab	84.8913, -51.8243, 24.9770

Details

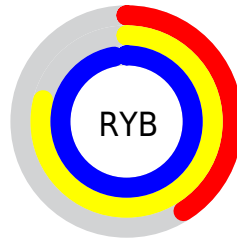
The CIELCh color **88, 61.345, 155.220** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **64, 63.865, 348.001**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 33.557, 170.819**, and **68, 61.680, 154.995** is the 20% darker color. If you saturate the color by 10%, you get **87, 70.014, 153.546**, and if you desaturate by 10%, it is **89, 51.824, 156.691**.

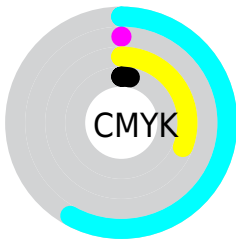
Distribution



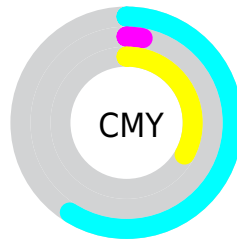
- Red (41%)
- Green (97%)
- Blue (67%)



- Red (41%)
- Yellow (79%)
- Blue (97%)



- Cyan (58%)
- Magenta (0%)
- Yellow (31%)
- Black (3%)





- Cyan (59%)
- Magenta (3%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 61.345, 155.220 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, 61.345, 155.220 by changing the saturation by 10% instead.


 88, 61.345,
155.220


 88, 61.345,
155.220


 100, 61.345,
155.220


 78, 61.345,
155.220

 68, 61.345,
155.220

 58, 61.345,
155.220

 48, 61.345,
155.220

 38, 61.345,
155.220


 28, 61.345,
155.220


 18, 61.345,


155.220


 8, 61.345, 155.220

 0, 61.345, 155.220


 88, 61.345,
155.220

 88, 61.345,
155.220


 87, 70.014,
153.546


 89, 51.824,
156.691


 87, 77.694,
151.658

 90, 41.626,
157.984

 86, 84.332,
149.562

 92, 30.946,
159.122

 86, 89.987,
147.307

 94, 19.974,
160.133

 86, 91.046,

 95, 8.875, 161.055

146.868

 98, 2.211, 341.597

 98, 5.243, 324.565

Harmonies

Complementary

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



88, 61.345, 155.220



64, 63.865, 348.001

Rectangle

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



88, 61.345, 155.220



88, 61.345, 205.220



88, 61.345, 335.220



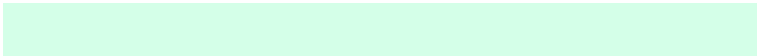
88, 61.345, 25.220

Sweetspot

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



88, 61.346, 155.220



97, 19.379, 160.226



90, 74.214, 124.655



51, 12.958, 160.034



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, 61.346, 155.220



90, 73.573, 153.164



90, 40.771, 191.545



50, 6.265, 160.921



66, 73.055, 147.297



21, 30.192, 150.852

Inverse Universe

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



64, 63.865, 348.001



61, 75.504, 350.244



62, 60.410, 23.596



48, 6.334, 342.380



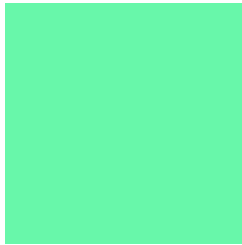
40, 67.454, 358.448



9, 30.658, 352.985

Previews

White Background



This preview shows how the CIE LCh color 88, 61.345, 155.220 looks on a white background.

Color Contrast Check

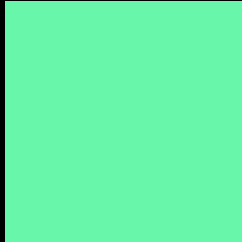
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 88, 61.345, 155.220 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, 61.345, 155.220

Background



This preview shows how black text looks on a background with the CIELCh color 88, 61.345, 155.220.

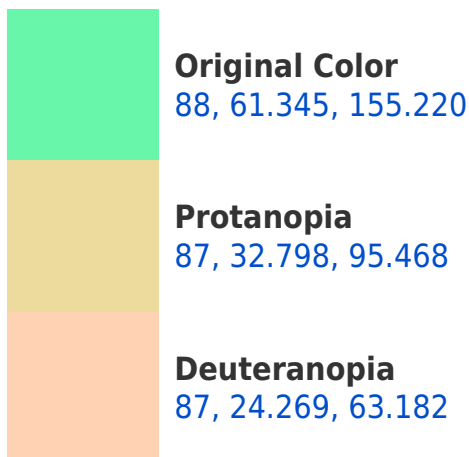



This preview shows how white text looks on a background with the CIELCh color 88, 61.345, 155.220.

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





Tritanopia
88, 32.044, 215.778

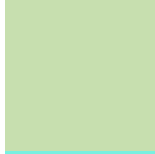
Trichromacy



Original Color
88, 61.345, 155.220



Protanomaly
87, 37.982, 131.540



Deuteranomaly
86, 26.582, 128.084

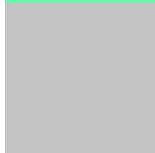


Tritanomaly
88, 37.720, 184.048

Monochromacy



Original Color
88, 61.345, 155.220



Achromatopsia
79, 0.010, 296.813



Achromatomaly
81, 23.988, 159.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 61.345, 155.220 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(104, 247, 170)` looks like.

```
.text, #text, p{  
    color:rgb(104, 247, 170)  
}
```

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(104, 247, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 247, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 61.345, 155.220 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(104, 247, 170) }
```

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

```
.border{ border-color:rgb(104, 247, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 247, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 247, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 247, 170);  
box-shadow:4px 4px 4px 4px rgb(104, 247,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 61.345, 155.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 247, 170) }
```

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

```
.background{ background-color: rgb(104,  
247, 170) }
```

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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