

Converting Colors

CIELCh(88, 61.344, 126.889)

Have a look what the booklet for
CIELCh(88, 61.344, 126.889)
contains.

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Color

CIELCh(88, 61.516, 127.142)

Conversions

Conversions Part 1

Format	Color
Hex	B4EE7C
RGB	180, 238, 124
RGB Percent	71%, 93%, 49%
CMY	0.2954, 0.0680, 0.5149
CMYK	0.24, 0.00, 0.48, 0.07
HSL	91°, 77%, 71%
HSV	91°, 48%, 93%
XYZ	52.8415, 72.0653, 30.0910
YIQ	207.6620, 2.0260, -47.7500

Conversions

Conversions Part 2

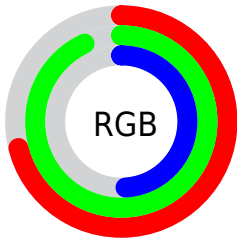
Format	Color
RYB	124, 238, 182
Decimal	11857532
CIELab	88.00, -37.14, 49.04
CIElCh	88, 61.516, 127.142
Yxy	72.0653, 0.3409, 0.4649
Android (android.graphics.Color)	4290047612 (0xFFB4EE7C)
YUV	207.6620, -41.2454, -24.2596
Hunter-Lab	84.8913, -37.4504, 38.4076

Details

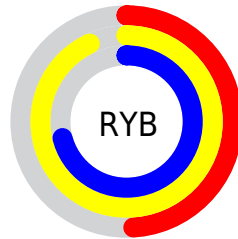
The CIELCh color **88, 61.516, 127.142** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **62, 65.950, 311.792**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 38.748, 116.923**, and **68, 61.554, 127.386** is the 20% darker color. If you saturate the color by 10%, you get **87, 73.161, 126.788**, and if you desaturate by 10%, it is **89, 49.161, 127.593**.

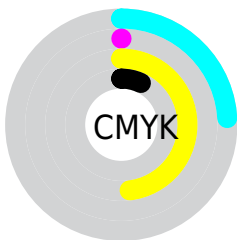
Distribution



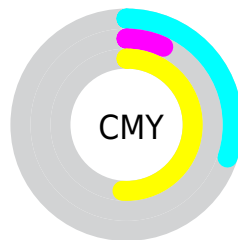
- Red (71%)
- Green (93%)
- Blue (49%)



- Red (49%)
- Yellow (93%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (48%)
- Black (7%)





- Cyan (30%)
- Magenta (7%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 61.516, 127.142 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, 61.516, 127.142 by changing the saturation by 10% instead.


 88, 61.516,
127.142


 88, 61.516,
127.142


 100, 61.516,
127.142


 78, 61.516,
127.142

 68, 61.516,
127.142

 58, 61.516,
127.142

 48, 61.516,
127.142

 38, 61.516,
127.142


 28, 61.516,
127.142


 18, 61.516,

127.142

 8, 61.516, 127.142


 0, 61.516, 127.142


 88, 61.516,
127.142


 88, 61.516,
127.142


 87, 73.161,
126.788


 89, 49.161,
127.593


 86, 83.671,
126.616


 90, 36.389,
128.079

 86, 92.508,
126.747

 91, 23.406,
128.568

 85, 99.122,
127.311

 93, 10.355,
129.041

 84, 103.295,

 94, 2.666, 309.412

128.363

96, 10.296,
320.295

84, 103.995,
128.594

96, 10.809,
324.789

Harmonies

Complementary

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



88, 61.516, 127.142



62, 65.950, 311.792

Rectangle

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



88, 61.516, 127.142



88, 61.516, 177.142



88, 61.516, 307.142



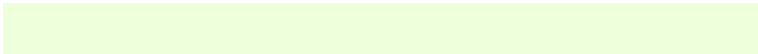
88, 61.516, 357.142

Sweetspot

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



88, 61.517, 127.143



98, 19.317, 128.754



78, 39.482, 69.375



52, 13.338, 128.651



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, 61.517, 127.143



93, 77.475, 126.781



85, 71.045, 140.540



50, 7.450, 128.970



67, 85.473, 128.326



20, 35.225, 127.305

Inverse Universe

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



62, 65.950, 311.792



60, 84.440, 312.287



68, 70.713, 326.963



46, 7.551, 309.790



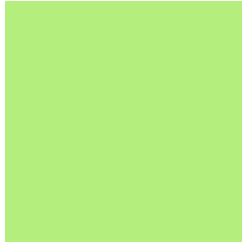
29, 97.308, 312.106



5, 39.666, 312.349

Previews

White Background



This preview shows how the CIELCh color 88, 61.516, 127.142 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, 61.516, 127.142 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, 61.516, 127.142

Background



This preview shows how black text looks on a background with the CIELCh color 88, 61.516, 127.142.

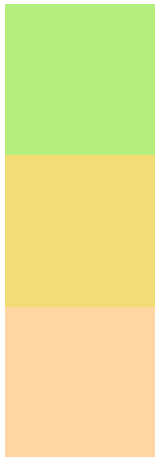


This preview shows how white text looks on a background with the CIELCh color 88, 61.516, 127.142.

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, 61.516, 127.142

Protanopia
88, 52.627, 95.706

Deuteranopia
88, 31.699, 75.675

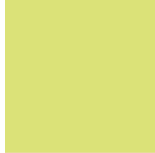


Tritanopia
88, 12.854, 246.224

Trichromacy



Original Color
88, 61.516, 127.142



Protanomaly
87, 53.495, 108.772



Deuteranomaly
87, 38.098, 103.325

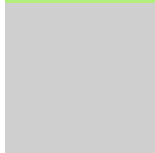


Tritanomaly
88, 20.928, 149.762

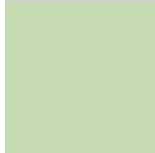
Monochromacy



Original Color
88, 61.516, 127.142



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 22.875, 128.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 61.516, 127.142 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(180, 238, 124)` looks like.

```
.text, #text, p{  
    color:rgb(180, 238, 124)  
}
```

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(180, 238, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 238, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 61.516, 127.142 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(180, 238, 124) }
```

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

```
.border{ border-color:rgb(180, 238, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 238, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 238, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 238, 124);  
box-shadow:4px 4px 4px 4px rgb(180, 238,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 61.516, 127.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 238, 124) }
```

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

```
.background{ background-color: rgb(180,  
238, 124) }
```

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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