

Converting Colors

CIELCh(88, 67.383, 131.423)

Have a look what the booklet for
CIELCh(88, 67.383, 131.423)
contains.

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Color

CIELCh(88, 67.522, 131.520)

Conversions

Conversions Part 1

Format	Color
Hex	A3F178
RGB	163, 241, 120
RGB Percent	64%, 95%, 47%
CMY	0.3607, 0.0548, 0.5293
CMYK	0.32, 0.00, 0.50, 0.05
HSL	99°, 81%, 71%
HSV	99°, 50%, 95%
XYZ	49.9589, 72.0653, 29.0511
YIQ	203.8840, -7.6470, -54.1670

Conversions

Conversions Part 2

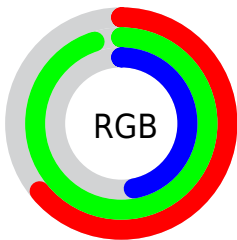
Format	Color
RYB	120, 241, 198
Decimal	10744184
CIELab	88.00, -44.76, 50.56
CIElCh	88, 67.522, 131.520
Yxy	72.0653, 0.3307, 0.4770
Android (android.graphics.Color)	4288934264 (0xFFA3F178)
YUV	203.8840, -41.3548, -35.8553
Hunter-Lab	84.8913, -43.5116, 39.1340

Details

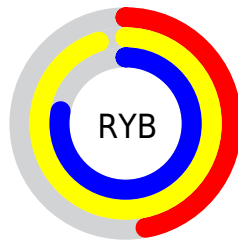
The CIELCh color **88, 67.522, 131.520** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **63, 70.746, 316.111**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 42.301, 124.842**, and **68, 67.398, 131.411** is the 20% darker color. If you saturate the color by 10%, you get **87, 79.572, 131.099**, and if you desaturate by 10%, it is **89, 54.632, 132.024**.

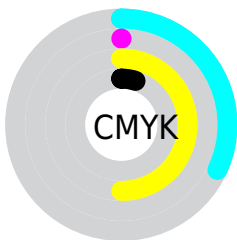
Distribution



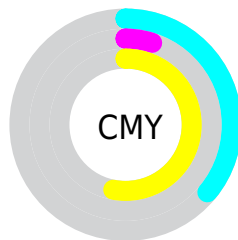
- Red (64%)
- Green (95%)
- Blue (47%)



- Red (47%)
- Yellow (95%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (50%)
- Black (5%)





- Cyan (36%)
- Magenta (5%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 67.522, 131.520 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, 67.522, 131.520 by changing the saturation by 10% instead.


 88, 67.522,
131.520


 88, 67.522,
131.520


 100, 67.522,
131.520


 78, 67.522,
131.520


 68, 67.522,
131.520

 58, 67.522,
131.520

 48, 67.522,
131.520

 38, 67.522,
131.520


 28, 67.522,
131.520

 18, 67.522,


131.520

 8, 67.522, 131.520


 0, 67.522, 131.520


 88, 67.522,
131.520


 88, 67.522,
131.520


 87, 79.572,
131.099


 89, 54.632,
132.024


 86, 90.302,
130.855


 90, 41.247,
132.548

 85, 99.129,
130.914

 92, 27.616,
133.056

 85, 105.505,
131.401

 93, 13.915,
133.534

 84, 109.390,

 95, 0.267, 134.655

132.266



97, 8.711, 324.709

Harmonies

Complementary

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



88, 67.522, 131.520



63, 70.746, 316.111

Rectangle

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



88, 67.522, 131.520



88, 67.522, 181.520



88, 67.522, 311.520



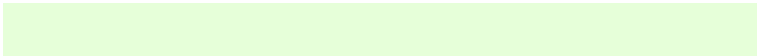
88, 67.522, 1.520

Sweetspot

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



88, 67.523, 131.521



97, 21.444, 133.307



82, 44.640, 81.577



52, 14.636, 133.205



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, 67.523, 131.521



91, 83.015, 131.100



86, 68.539, 143.904



49, 7.711, 133.568



66, 88.945, 132.024



20, 36.637, 131.347

Inverse Universe

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



63, 70.746, 316.111



61, 87.656, 316.424



68, 68.137, 331.373



47, 7.786, 314.337



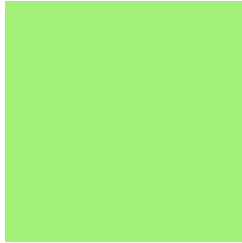
33, 94.565, 315.681



6, 40.050, 316.718

Previews

White Background



This preview shows how the CIELCh color 88, 67.522, 131.520 looks on a white background.

Color Contrast Check

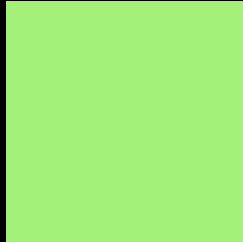
Large Text (above 18pt) WCAG AA × Fail

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, 67.522, 131.520 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, 67.522, 131.520

Background



This preview shows how black text looks on a background with the CIELCh color 88, 67.522, 131.520.

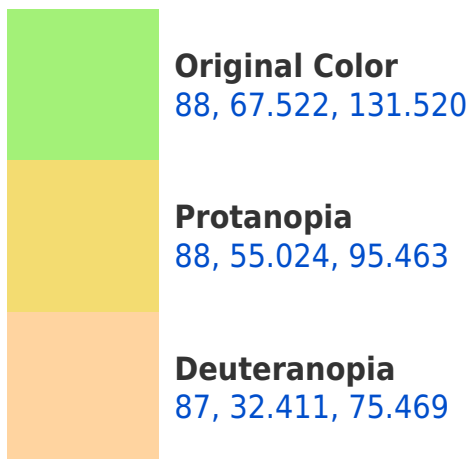


This preview shows how white text looks on a background with the CIELCh color 88, 67.522, 131.520.

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, 16.894, 232.638

Trichromacy



Original Color
88, 67.522, 131.520



Protanomaly
88, 56.447, 111.324



Deuteranomaly
87, 39.985, 107.372

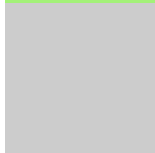


Tritanomaly
88, 26.101, 157.927

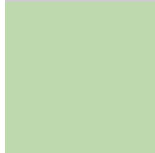
Monochromacy



Original Color
88, 67.522, 131.520



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 25.391, 132.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 67.522, 131.520 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(163, 241, 120)` looks like.

```
.text, #text, p{  
    color:rgb(163, 241, 120)  
}
```

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(163, 241, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 241, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 67.522, 131.520 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(163, 241, 120) }
```

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

```
.border{ border-color:rgb(163, 241, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 241, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 241, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 241, 120);  
box-shadow:4px 4px 4px 4px rgb(163, 241,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 67.522, 131.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 241, 120) }
```

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

```
.background{ background-color: rgb(163,  
241, 120) }
```

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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