

Converting Colors

CIELCh(88, 59.076, 146.662)

Have a look what the booklet for
CIELCh(88, 59.076, 146.662)
contains.

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Color

CIELCh(88, 59.073, 146.714)

Conversions

Conversions Part 1

Format	Color
Hex	87F49D
RGB	135, 244, 157
RGB Percent	53%, 96%, 62%
CMY	0.4718, 0.0443, 0.3854
CMYK	0.45, 0.00, 0.36, 0.04
HSL	132°, 83%, 74%
HSV	132°, 45%, 96%
XYZ	48.2616, 72.0653, 43.1367
YIQ	201.4910, -37.0370, -50.1650

Conversions

Conversions Part 2

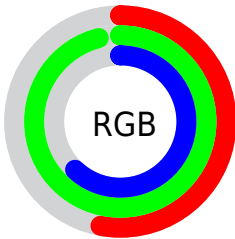
Format	Color
RYB	135, 226, 244
Decimal	8909981
CIELab	88.00, -49.38, 32.42
CIELCh	88, 59.073, 146.714
Yxy	72.0653, 0.2952, 0.4409
Android (android.graphics.Color)	4287100061 (0xFF87F49D)
YUV	201.4910, -21.9341, -58.3126
Hunter-Lab	84.8913, -47.0805, 29.2963

Details

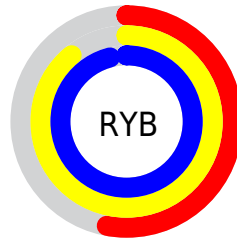
The CIELCh color **88, 59.073, 146.714** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71, 59.125, 333.587**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 31.175, 152.632**, and **68, 58.956, 146.760** is the 20% darker color. If you saturate the color by 10%, you get **87, 71.186, 145.442**, and if you desaturate by 10%, it is **89, 46.267, 147.823**.

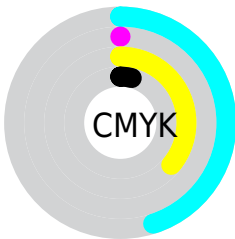
Distribution



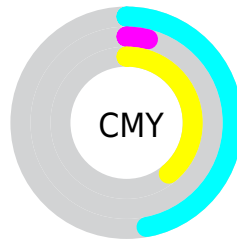
- Red (53%)
- Green (96%)
- Blue (62%)



- Red (53%)
- Yellow (89%)
- Blue (96%)



- Cyan (45%)
- Magenta (0%)
- Yellow (36%)
- Black (4%)





- Cyan (47%)
- Magenta (4%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 59.073, 146.714 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, 59.073, 146.714 by changing the saturation by 10% instead.


 88, 59.073,
146.714


 88, 59.073,
146.714


 100, 59.073,
146.714


 78, 59.073,
146.714

 68, 59.073,
146.714

 58, 59.073,
146.714

 48, 59.073,
146.714

 38, 59.073,
146.714


 28, 59.073,
146.714

 18, 59.073,

146.714

 8, 59.073, 146.714


 0, 59.073, 146.714


 88, 59.073,
146.714

 88, 59.073,
146.714


 87, 71.186,
145.442


 89, 46.267,
147.823

 86, 82.300,
144.005


 91, 33.043,
148.781

 85, 92.116,
142.425

 93, 19.644,
149.610

 85, 100.357,
140.758

 95, 6.265, 150.356

 84, 106.802,

 97, 6.606, 327.267

139.104

97, 7.042, 324.643

84, 109.484,
138.320

Harmonies

Complementary

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



88, 59.073, 146.714



71, 59.125, 333.587

Rectangle

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



88, 59.073, 146.714



88, 59.073, 196.714



88, 59.073, 326.714



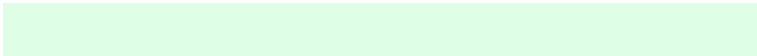
88, 59.073, 16.714

Sweetspot

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



88, 59.074, 146.714



97, 17.976, 149.740



92, 55.060, 114.956



51, 12.591, 149.570



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, 59.074, 146.714



90, 72.951, 145.522



89, 39.410, 171.195



50, 7.588, 150.004



66, 88.856, 138.598



21, 36.997, 141.434

Inverse Universe

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



71, 59.125, 333.587



69, 72.511, 334.281



69, 45.125, 1.718



48, 7.612, 331.166



42, 77.997, 338.286



10, 35.380, 336.696

Previews

White Background



This preview shows how the CIELCh color 88, 59.073, 146.714 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, 59.073, 146.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

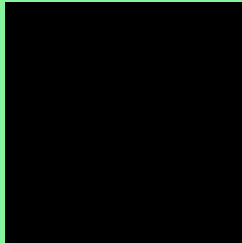
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 59.073, 146.714

Background



This preview shows how black text looks on a background with the CIELCh color 88, 59.073, 146.714.

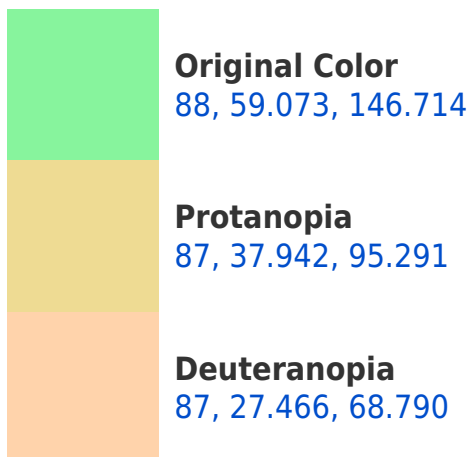


This preview shows how white text looks on a background with the CIELCh color 88, 59.073, 146.714.

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



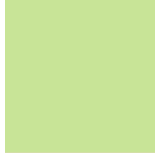


Tritanopia
88, 25.051, 221.561

Trichromacy



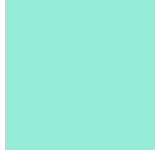
Original Color
88, 59.073, 146.714



Protanomaly
87, 40.976, 122.373



Deuteranomaly
87, 29.834, 116.675

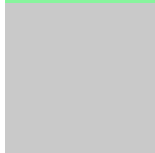


Tritanomaly
88, 30.708, 178.407

Monochromacy



Original Color
88, 59.073, 146.714



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 22.437, 149.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 59.073, 146.714 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(135, 244, 157)` looks like.

```
.text, #text, p{  
    color:rgb(135, 244, 157)  
}
```

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(135, 244, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 244, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 59.073, 146.714 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(135, 244, 157) }
```

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

```
.border{ border-color:rgb(135, 244, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 244, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 244, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 244, 157);  
box-shadow:4px 4px 4px 4px rgb(135, 244,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 59.073, 146.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 244, 157) }
```

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

```
.background{ background-color: rgb(135,  
244, 157) }
```

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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