

Converting Colors

CIELCh(88, 59.639, 142.162)

Have a look what the booklet for
CIELCh(88, 59.639, 142.162)
contains.

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Color

CIELCh(88, 59.641, 142.186)

Conversions

Conversions Part 1

Format	Color
Hex	92F395
RGB	146, 243, 149
RGB Percent	57%, 95%, 58%
CMY	0.4291, 0.0488, 0.4173
CMYK	0.40, 0.00, 0.39, 0.05
HSL	122°, 80%, 76%
HSV	122°, 40%, 95%
XYZ	49.0884, 72.0653, 39.5866
YIQ	203.2810, -27.6380, -49.7980

Conversions

Conversions Part 2

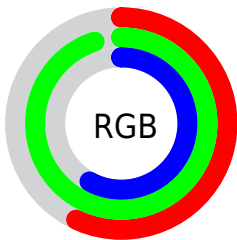
Format	Color
RYB	146, 240, 243
Decimal	9630613
CIELab	88.00, -47.12, 36.57
CIELCh	88, 59.641, 142.186
Yxy	72.0653, 0.3054, 0.4483
Android (android.graphics.Color)	4287820693 (0xFF92F395)
YUV	203.2810, -26.7605, -50.2354
Hunter-Lab	84.8913, -45.3421, 31.7757

Details

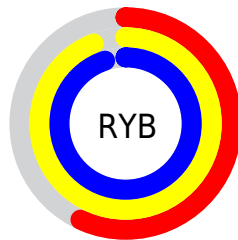
The CIELCh color **88, 59.641, 142.186** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 59.513, 327.483**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 32.168, 143.625**, and **68, 59.619, 142.314** is the 20% darker color. If you saturate the color by 10%, you get **87, 73.519, 141.099**, and if you desaturate by 10%, it is **90, 45.023, 143.149**.

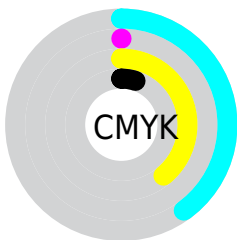
Distribution



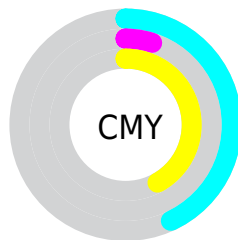
- Red (57%)
- Green (95%)
- Blue (58%)



- Red (57%)
- Yellow (94%)
- Blue (95%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (5%)



- Cyan (43%)
- Magenta (5%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 59.641, 142.186 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, 59.641, 142.186 by changing the saturation by 10% instead.

 88, 59.641,
142.186


 88, 59.641,
142.186

 100, 59.641,
142.186

 78, 59.641,
142.186

 68, 59.641,
142.186

 58, 59.641,
142.186

 48, 59.641,
142.186

 38, 59.641,
142.186


 28, 59.641,
142.186


 18, 59.641,


142.186


 8, 59.641, 142.186


 0, 59.641, 142.186


 88, 59.641,
142.186


 88, 59.641,
142.186


 87, 73.519,
141.099


 90, 45.023,
143.149

 86, 86.208,
139.917

 91, 30.026,
143.983


 85, 97.186,
138.708

 93, 14.938,
144.703

 84, 105.887,
137.587

 96, 0.030, 315.140

 97, 7.749, 324.671

 84, 111.804,

136.701

■ 84, 114.820,
136.196

■ 84, 114.823,
136.196

Harmonies

Complementary

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



88, 59.641, 142.186



73, 59.513, 327.483

Rectangle

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



88, 59.641, 142.186



88, 59.641, 192.186



88, 59.641, 322.186



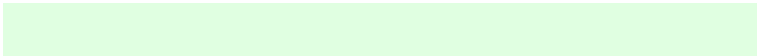
88, 59.641, 12.186

Sweetspot

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



88, 59.642, 142.186



97, 18.716, 144.563



94, 48.677, 107.072



52, 12.423, 144.472



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, 59.642, 142.186



91, 73.757, 141.310



89, 41.212, 160.533



50, 8.561, 144.736



66, 93.977, 136.266



20, 40.452, 137.960

Inverse Universe

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



73, 59.513, 327.483



73, 73.364, 327.892



72, 43.417, 348.668



48, 8.575, 325.792



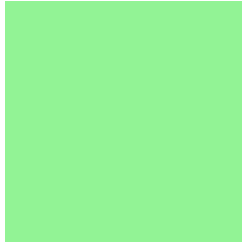
44, 89.025, 329.512



11, 39.710, 329.338

Previews

White Background



This preview shows how the CIELCh color 88, 59.641, 142.186 looks on a white background.

Color Contrast Check

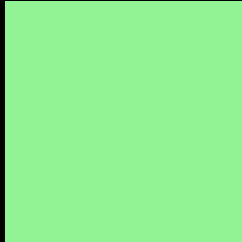
Large Text (above 18pt) WCAG AA × Fail

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, 59.641, 142.186 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, 59.641, 142.186

Background



This preview shows how black text looks on a background with the CIELCh color 88, 59.641, 142.186.

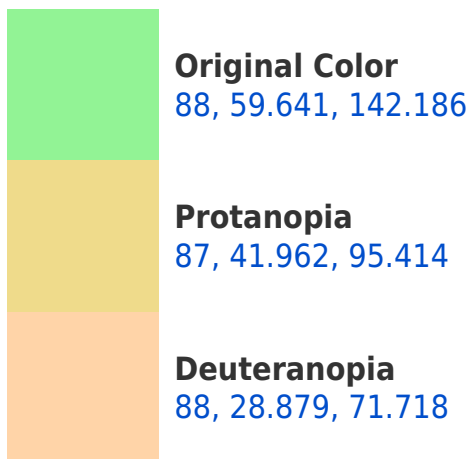


This preview shows how white text looks on a background with the CIELCh color 88, 59.641, 142.186.

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



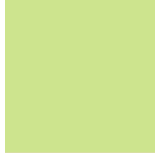


Tritanopia
88, 22.196, 223.448

Trichromacy



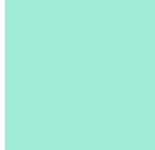
Original Color
88, 59.641, 142.186



Protanomaly
87, 44.806, 118.267



Deuteranomaly
87, 32.135, 113.080

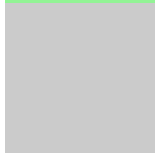


Tritanomaly
88, 28.536, 172.532

Monochromacy



Original Color
88, 59.641, 142.186



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 22.151, 144.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 59.641, 142.186 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(146, 243, 149)` looks like.

```
.text, #text, p{  
    color:rgb(146, 243, 149)  
}
```

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(146, 243, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 243, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 59.641, 142.186 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(146, 243, 149) }
```

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

```
.border{ border-color:rgb(146, 243, 149) }
```

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

Here you see how a box with a 4 pixel rgb(146, 243, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 243, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 243, 149);  
box-shadow:4px 4px 4px 4px rgb(146, 243,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 59.641, 142.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 243, 149) }
```

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

```
.background{ background-color: rgb(146,  
243, 149) }
```

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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