

Converting Colors

CIELCh(84, 50.510, 146.908)

Have a look what the booklet for
CIELCh(84, 50.510, 146.908)
contains.

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Color

CIELCh(84, 50.114, 146.917)

Conversions

Conversions Part 1

Format	Color
Hex	8BE59C
RGB	139, 229, 156
RGB Percent	55%, 90%, 61%
CMY	0.4541, 0.1011, 0.3875
CMYK	0.39, 0.00, 0.32, 0.10
HSL	131°, 64%, 72%
HSV	131°, 39%, 90%
XYZ	44.7742, 64.0658, 41.5435
YIQ	193.7680, -30.2070, -41.7830

Conversions

Conversions Part 2

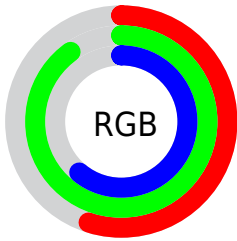
Format	Color
RYB	139, 215, 229
Decimal	9168284
CIELab	84.00, -41.99, 27.35
CIELCh	84, 50.114, 146.917
Yxy	64.0658, 0.2977, 0.4260
Android (android.graphics.Color)	4287358364 (0xFF8BE59C)
YUV	193.7680, -18.6196, -48.0315
Hunter-Lab	80.0411, -40.2208, 25.2556

Details

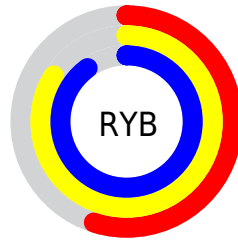
The CIELCh color $84, 50.114, 146.917$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $69, 50.228, 332.683$, and the grayscale version is $78, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 30.859, 150.758$, and $64, 50.182, 146.776$ is the 20% darker color. If you saturate the color by 10%, you get $83, 62.161, 145.749$, and if you desaturate by 10%, it is $85, 37.554, 147.930$.

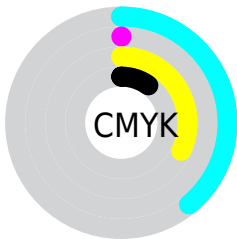
Distribution



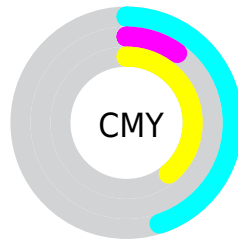
- Red (55%)
- Green (90%)
- Blue (61%)



- Red (55%)
- Yellow (84%)
- Blue (90%)



- Cyan (39%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)




- Cyan (45%)
- Magenta (10%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 50.114, 146.917 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 84, 50.114, 146.917 by changing the saturation by 10% instead.


 84, 50.114,
146.917


 84, 50.114,
146.917


 100, 50.114,
146.917


 74, 50.114,
146.917

 64, 50.114,
146.917

 54, 50.114,
146.917


 44, 50.114,
146.917


 34, 50.114,
146.917

 24, 50.114,
146.917


 14, 50.114,

146.917


 4, 50.114, 146.917


 0, 50.114, 146.917


 84, 50.114,
146.917


 84, 50.114,
146.917


 83, 62.161,
145.749


 85, 37.554,
147.930

 82, 73.407,
144.419

 87, 24.728,
148.805


 81, 83.555,
142.938

 89, 11.844,
149.568


 80, 92.313,
141.344


 91, 0.936, 329.822


 80, 99.421,

 93, 13.493,
330.715

139.715

 94, 16.116,
324.982

 80, 104.726,
138.204

 80, 105.053,
138.111

Harmonies

Complementary

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



84, 50.114, 146.917



69, 50.228, 332.683

Rectangle

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



84, 50.114, 146.917



84, 50.114, 196.917



84, 50.114, 326.917



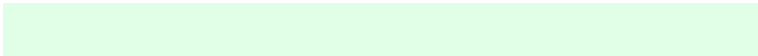
84, 50.114, 16.917

Sweetspot

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



84, 50.115, 146.917



97, 16.745, 149.363



88, 46.214, 114.587



52, 11.114, 149.265



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 50.115, 146.917



91, 64.835, 145.995



85, 33.828, 170.741



47, 7.265, 149.554



63, 86.591, 138.373



17, 33.363, 142.313

Inverse Universe

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



69, 50.228, 332.683



73, 64.751, 333.242



68, 37.791, 359.531



45, 7.287, 330.696



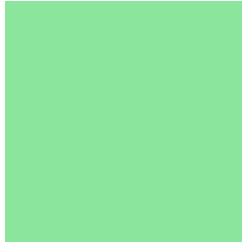
41, 76.385, 337.453



8, 32.761, 335.779

Previews

White Background



This preview shows how the CIELCh color 84, 50.114, 146.917 looks on a white background.

Color Contrast Check

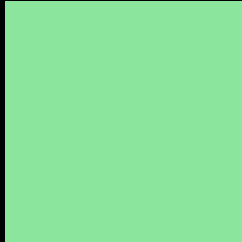
Large Text (above 18pt) WCAG AA × Fail

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 84, 50.114, 146.917 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 84, 50.114, 146.917

Background



This preview shows how black text looks on a background with the CIELCh color 84, 50.114, 146.917.

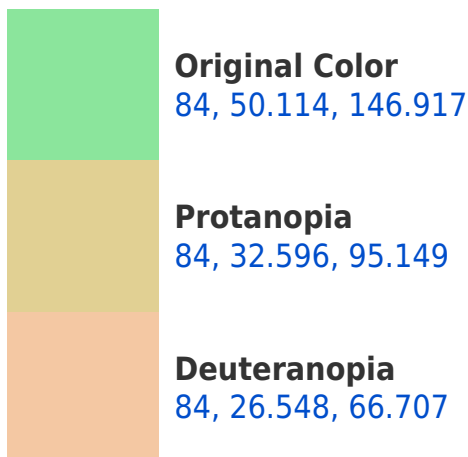


This preview shows how white text looks on a background with the CIELCh color 84, 50.114, 146.917.

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



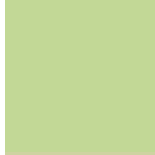


Tritanopia
84, 21.764, 224.259

Trichromacy



Original Color
84, 50.114, 146.917



Protanomaly
83, 35.341, 121.359



Deuteranomaly
83, 26.195, 112.176



Tritanomaly
84, 25.900, 179.737

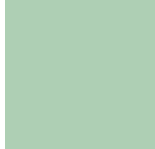
Monochromacy



Original Color
84, 50.114, 146.917



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 18.909, 148.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 50.114, 146.917 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(139, 229, 156)` looks like.

```
.text, #text, p{  
    color:rgb(139, 229, 156)  
}
```

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(139, 229, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 229, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 50.114, 146.917 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(139, 229, 156) }
```

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

```
.border{ border-color:rgb(139, 229, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 229, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 229, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 229, 156);  
box-shadow:4px 4px 4px 4px rgb(139, 229,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 50.114, 146.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 229, 156) }
```

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

```
.background{ background-color: rgb(139,  
229, 156) }
```

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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