

Converting Colors

CIELCh(92, 54.283, 126.522)

Have a look what the booklet for
CIELCh(92, 54.283, 126.522)
contains.

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Color

CIELCh(92, 54.174, 126.602)

Conversions

Conversions Part 1

Format	Color
Hex	C6F792
RGB	198, 247, 146
RGB Percent	78%, 97%, 57%
CMY	0.2230, 0.0308, 0.4270
CMYK	0.20, 0.00, 0.41, 0.03
HSL	89°, 87%, 77%
HSV	89°, 41%, 97%
XYZ	61.8218, 80.7044, 39.5631
YIQ	220.8350, 3.2170, -41.7990

Conversions

Conversions Part 2

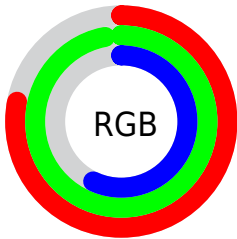
Format	Color
RYB	146, 247, 195
Decimal	13039506
CIELab	92.00, -32.30, 43.49
CIElCh	92, 54.174, 126.602
Yxy	80.7044, 0.3395, 0.4432
Android (android.graphics.Color)	4291229586 (0xFFC6F792)
YUV	220.8350, -36.8937, -20.0263
Hunter-Lab	89.8356, -34.3749, 36.7740

Details

The CIELCh color **92, 54.174, 126.602** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **69, 57.634, 310.666**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **72, 53.774, 126.754** is the 20% darker color. If you saturate the color by 10%, you get **91, 66.654, 126.177**, and if you desaturate by 10%, it is **93, 41.186, 127.085**.

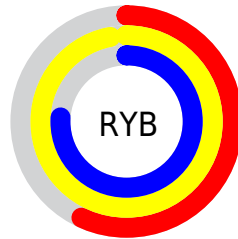
Distribution



Red (78%)

Green (97%)

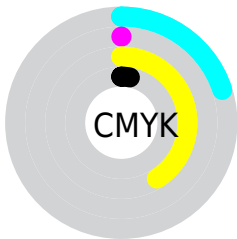
Blue (57%)



Red (57%)

Yellow (97%)

Blue (76%)

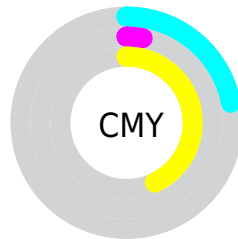


Cyan (20%)

Magenta (0%)

Yellow (41%)

Black (3%)



Cyan (22%)

Magenta (3%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 54.174, 126.602 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 92, 54.174, 126.602 by changing the saturation by 10% instead.

■ 92, 54.174,
126.602

■ 92, 54.174,
126.602

■ 100, 54.174,
126.602

■ 82, 54.174,
126.602

■ 72, 54.174,
126.602

■ 62, 54.174,
126.602


■ 52, 54.174,
126.602

■ 42, 54.174,
126.602

■ 32, 54.174,
126.602


■ 22, 54.174,


126.602


 12, 54.174,
126.602


 2, 54.174, 126.602

 92, 54.174,
126.602


 92, 54.174,
126.602


 91, 66.654,
126.177


 93, 41.186,
127.085

 90, 78.278,
125.873

 94, 27.919,
127.580

 89, 88.574,
125.789

 96, 14.538,
128.065

 89, 96.961,
126.053

 97, 1.154, 128.625

 98, 4.895, 324.549

■ 88,102.918,
126.786

■ 88,106.324,
127.842

Harmonies

Complementary

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



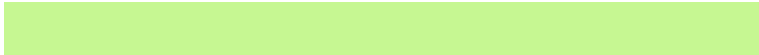
92, 54.174, 126.602



69, 57.634, 310.666

Rectangle

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



92, 54.174, 126.602



92, 54.174, 176.602



92, 54.174, 306.602



92, 54.174, 356.602

Sweetspot

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



92, 54.176, 126.603



98, 16.461, 128.010



82, 33.988, 68.568



52, 10.920, 127.947



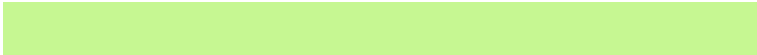
0, 0.000, 0.000



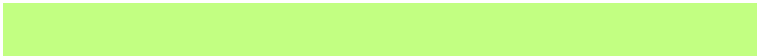
53, 0.007, 296.813

Same Dimension

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



92, 54.176, 126.603



94, 66.018, 126.247



89, 62.810, 140.923



51, 7.539, 128.131



68, 85.709, 127.553



21, 36.334, 126.286

Inverse Universe

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



69, 57.634, 310.666



65, 71.239, 311.126



74, 62.743, 326.144



47, 7.646, 308.972



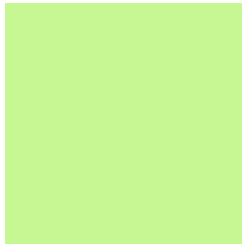
29, 98.825, 311.559



5, 41.451, 311.971

Previews

White Background



This preview shows how the CIELCh color 92, 54.174, 126.602 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 92, 54.174, 126.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

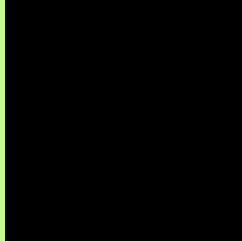
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 54.174, 126.602

Background



This preview shows how black text looks on a background with the CIELCh color 92, 54.174, 126.602.

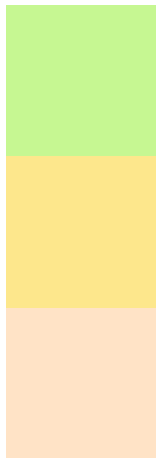


This preview shows how white text looks on a background with the CIELCh color 92, 54.174, 126.602.

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](#).

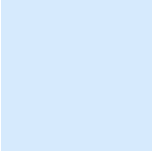
Dichromacy



Original Color
92, 54.174, 126.602

Protanopia
92, 47.075, 95.391

Deuteranopia
92, 18.436, 73.536

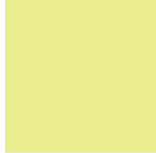


Tritanopia
92, 11.756, 256.168

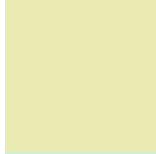
Trichromacy



Original Color
92, 54.174, 126.602



Protanomaly
92, 47.908, 108.226



Deuteranomaly
92, 28.163, 107.893

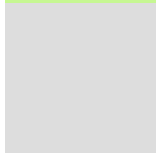


Tritanomaly
92, 17.122, 149.455

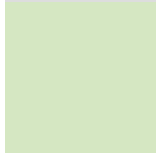
Monochromacy



Original Color
92, 54.174, 126.602



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 20.293, 127.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 54.174, 126.602 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(198, 247, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 247, 146)  
}
```

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(198, 247, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 247, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 54.174, 126.602 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(198, 247, 146) }
```

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

```
.border{ border-color:rgb(198, 247, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 247, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 247, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 247, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 247,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 54.174, 126.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 247, 146) }
```

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

```
.background{ background-color: rgb(198,  
247, 146) }
```

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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