

Converting Colors

CIELCh(92, 68.576, 118.751)

Have a look what the booklet for
CIELCh(92, 68.576, 118.751)
contains.

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Color

CIELCh(92, 68.510, 118.819)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CEF76F |
| RGB | 206, 247, 111 |
| RGB Percent | 81%, 97%, 44% |
| CMY | 0.1926, 0.0318, 0.5651 |
| CMYK | 0.17, 0.00, 0.55, 0.03 |
| HSL | 78°, 89%, 70% |
| HSV | 78°, 55%, 97% |
| XYZ | 61.5126, 80.7044, 27.3441 |
| YIQ | 219.2370, 19.2200, -50.9880 |

Conversions

Conversions Part 2

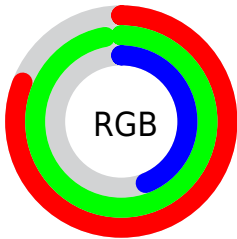
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 111, 247, 152 |
| Decimal | 13563759 |
| CIE _{Lab} | 92.00, -33.02, 60.02 |
| CIE _{LCh} | 92, 68.510, 118.819 |
| Y _{xy} | 80.7044, 0.3628, 0.4760 |
| Android (android.graphics.Color) | 4291753839 (0xFFCEF76F) |
| YUV | 219.2370, -53.3608, -11.6088 |
| Hunter-Lab | 89.8356, -34.9892, 44.8383 |

Details

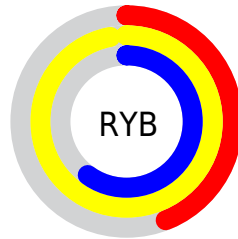
The CIELCh color **92, 68.510, 118.819** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **57, 77.711, 306.162**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 44.472, 106.780**, and **72, 68.749, 118.900** is the 20% darker color. If you saturate the color by 10%, you get **91, 78.967, 118.534**, and if you desaturate by 10%, it is **93, 56.995, 119.271**.

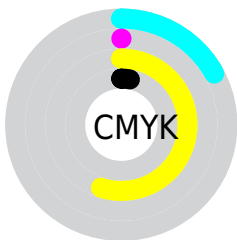
Distribution



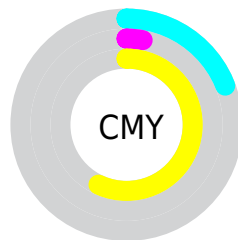
- Red (81%)
- Green (97%)
- Blue (44%)



- Red (44%)
- Yellow (97%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (55%)
- Black (3%)




- Cyan (19%)
- Magenta (3%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 68.510, 118.819 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, 68.510, 118.819 by changing the saturation by 10% instead.


 92, 68.510,
118.819


 92, 68.510,
118.819


 100, 68.510,
118.819


 82, 68.510,
118.819

 72, 68.510,
118.819

 62, 68.510,
118.819


 52, 68.510,
118.819

 42, 68.510,
118.819

 32, 68.510,
118.819


 22, 68.510,


118.819


 12, 68.510,
118.819


 2, 68.510, 118.819


 92, 68.510,
118.819


 92, 68.510,
118.819


 91, 78.967,
118.534


 93, 56.995,
119.271


 91, 87.831,
118.509

 94, 44.813,
119.813

 90, 94.517,
118.862

 95, 32.234,
120.397

 90, 98.639,
119.683

 96, 19.439,
120.991

■ 90, 99.955,
120.214

■ 97, 6.549, 121.580

■ 98, 4.356, 307.480

■ 98, 5.047, 324.556

Harmonies

Complementary

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



92, 68.510, 118.819



57, 77.711, 306.162

Rectangle

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



92, 68.510, 118.819



92, 68.510, 168.819



92, 68.510, 298.819



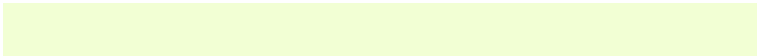
92, 68.510, 348.819

Sweetspot

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



92, 68.511, 118.821



98, 22.484, 120.876



72, 48.329, 48.946



52, 15.032, 120.756



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, 68.511, 118.821



94, 81.945, 118.517



88, 78.488, 135.521



51, 7.277, 121.321



69, 80.728, 119.960



22, 34.519, 118.826

Inverse Universe

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



57, 77.711, 306.162



51, 96.059, 307.162



64, 80.050, 321.094



47, 7.416, 302.422



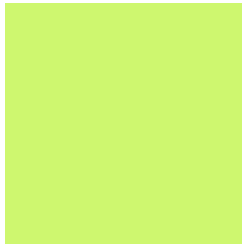
25, 102.488, 308.341



4, 40.849, 306.716

Previews

White Background



This preview shows how the CIELCh color 92, 68.510, 118.819 looks on a white background.

Color Contrast Check

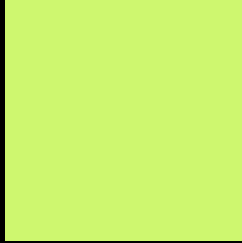
Large Text (above 18pt) WCAG AA × Fail

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, 68.510, 118.819 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, 68.510, 118.819

Background



This preview shows how black text looks on a background with the CIELCh color 92, 68.510, 118.819.



This preview shows how white text looks on a background with the CIELCh color 92, 68.510, 118.819.

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, 68.510, 118.819

Protanopia
92, 56.496, 95.898

Deuteranopia
92, 20.189, 76.623

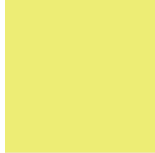


Tritanopia
92, 9.747, 272.593

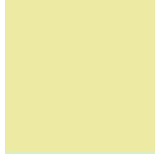
Trichromacy



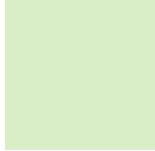
Original Color
92, 68.510, 118.819



Protanomaly
92, 59.539, 105.361



Deuteranomaly
91, 35.720, 105.377

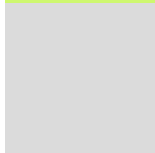


Tritanomaly
91, 20.941, 129.273

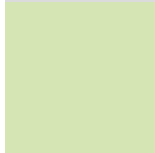
Monochromacy



Original Color
92, 68.510, 118.819



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 25.927, 120.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 68.510, 118.819 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(206, 247, 111)` looks like.

```
.text, #text, p{  
    color:rgb(206, 247, 111)  
}
```

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(206, 247, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 247, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 68.510, 118.819 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(206, 247, 111) }
```

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

```
.border{ border-color:rgb(206, 247, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 247, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 247, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 247, 111);  
box-shadow:4px 4px 4px 4px rgb(206, 247,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 68.510, 118.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 247, 111) }
```

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

```
.background{ background-color: rgb(206,  
247, 111) }
```

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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