

Converting Colors

CIELCh(92, 58.944, 116.298)

Have a look what the booklet for
CIELCh(92, 58.944, 116.298)
contains.

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Color

CIELCh(92, 59.153, 116.484)

Conversions

Conversions Part 1

Format	Color
Hex	D8F47F
RGB	216, 244, 127
RGB Percent	85%, 96%, 50%
CMY	0.1536, 0.0438, 0.5026
CMYK	0.11, 0.00, 0.48, 0.04
HSL	74°, 84%, 73%
HSV	74°, 48%, 96%
XYZ	64.3920, 80.7044, 32.2095
YIQ	222.2900, 20.8690, -42.3230

Conversions

Conversions Part 2

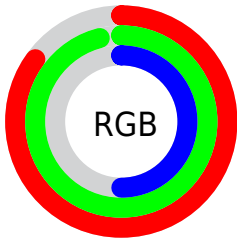
Format	Color
RYB	127, 244, 155
Decimal	14218367
CIELab	92.00, -26.38, 52.95
CIElCh	92, 59.153, 116.484
Yxy	80.7044, 0.3632, 0.4552
Android (android.graphics.Color)	4292408447 (0xFFD8F47F)
YUV	222.2900, -46.9780, -5.5163
Hunter-Lab	89.8356, -29.2680, 41.6272

Details

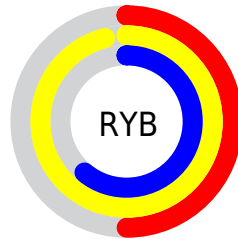
The CIELCh color **92, 59.153, 116.484** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **60, 66.350, 303.676**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 36.662, 107.383**, and **72, 59.291, 116.615** is the 20% darker color. If you saturate the color by 10%, you get **91, 70.127, 116.013**, and if you desaturate by 10%, it is **93, 47.411, 117.065**.

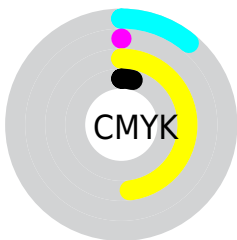
Distribution



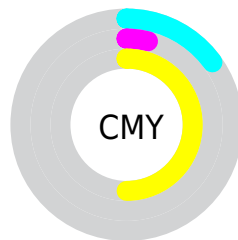
- Red (85%)
- Green (96%)
- Blue (50%)



- Red (50%)
- Yellow (96%)
- Blue (61%)



- Cyan (11%)
- Magenta (0%)
- Yellow (48%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 59.153, 116.484 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, 59.153, 116.484 by changing the saturation by 10% instead.

 92, 59.153,
116.484

 92, 59.153,
116.484

 100, 59.153,
116.484

 82, 59.153,
116.484

 72, 59.153,
116.484

 62, 59.153,
116.484

 52, 59.153,
116.484

 42, 59.153,
116.484

 32, 59.153,
116.484

 22, 59.153,

116.484

■ 12, 59.153,
116.484

■ 2, 59.153, 116.484

■ 92, 59.153,
116.484

■ 92, 59.153,
116.484

■ 91, 70.127,
116.013

■ 93, 47.411,
117.065

■ 91, 79.895,
115.719

■ 94, 35.199,
117.699

■ 90, 87.899,
115.702

■ 94, 22.716,
118.352

■ 90, 93.575,
116.062

■ 95, 10.096,
119.002

■ 89, 96.726,
116.855

■ 96, 2.572, 299.618

■ 89, 97.211,
117.038

■ 97, 6.246, 313.588

■ 97, 6.950, 324.639

Harmonies

Complementary

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



92, 59.153, 116.484



60, 66.350, 303.676

Rectangle

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



92, 59.153, 116.484



92, 59.153, 166.484



92, 59.153, 296.484



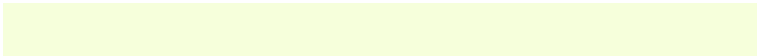
92, 59.153, 346.484

Sweetspot

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



92, 59.154, 116.486



99, 18.359, 118.609



72, 41.762, 42.764



52, 12.669, 118.468



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, 59.154, 116.486



95, 72.716, 116.006



89, 67.084, 134.224



51, 7.214, 118.905



70, 79.296, 116.827



22, 34.032, 115.879

Inverse Universe

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



60, 66.350, 303.676



56, 84.234, 304.821



66, 69.091, 318.798



47, 7.361, 300.136



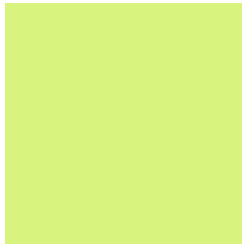
24, 103.501, 307.621



4, 40.635, 305.147

Previews

White Background



This preview shows how the CIELCh color 92, 59.153, 116.484 looks on a white background.

Color Contrast Check

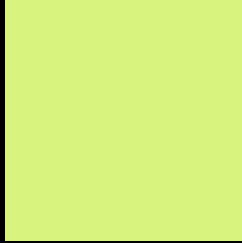
Large Text (above 18pt) WCAG AA × Fail

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, 59.153, 116.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

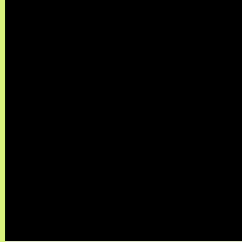
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 59.153, 116.484

Background



This preview shows how black text looks on a background with the CIELCh color 92, 59.153, 116.484.

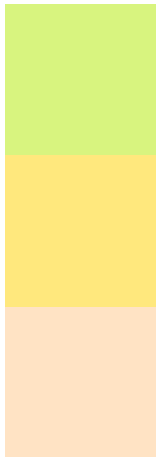


This preview shows how white text looks on a background with the CIELCh color 92, 59.153, 116.484.

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, 59.153, 116.484

Protanopia
92, 54.658, 95.752

Deuteranopia
92, 19.305, 75.154

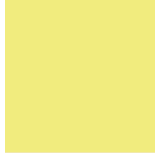


Tritanopia
92, 9.337, 293.040

Trichromacy



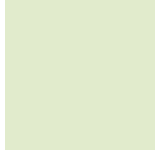
Original Color
92, 59.153, 116.484



Protanomaly
92, 55.043, 103.585



Deuteranomaly
92, 31.869, 101.951

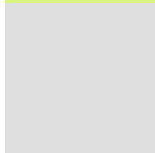


Tritanomaly
92, 16.395, 121.919

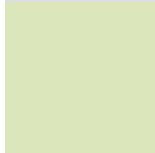
Monochromacy



Original Color
92, 59.153, 116.484



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 22.503, 118.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 59.153, 116.484 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(216, 244, 127)` looks like.

```
.text, #text, p{  
    color:rgb(216, 244, 127)  
}
```

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(216, 244, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 244, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 59.153, 116.484 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(216, 244, 127) }
```

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

```
.border{ border-color:rgb(216, 244, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 244, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 244, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 244, 127);  
box-shadow:4px 4px 4px 4px rgb(216, 244,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 59.153, 116.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 244, 127) }
```

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

```
.background{ background-color: rgb(216,  
244, 127) }
```

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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