

Converting Colors

CIELCh(92, 53.637, 117.348)

Have a look what the booklet for
CIELCh(92, 53.637, 117.348)
contains.

CIELCh(92, 53.549, 117.105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 53.549, 117.105)

Conversions

Conversions Part 1

Format	Color
Hex	D9F38A
RGB	217, 243, 138
RGB Percent	85%, 95%, 54%
CMY	0.1489, 0.0470, 0.4587
CMYK	0.11, 0.00, 0.43, 0.05
HSL	75°, 81%, 75%
HSV	75°, 43%, 95%
XYZ	65.2674, 80.7044, 36.1898
YIQ	223.2560, 18.2090, -38.1670

Conversions

Conversions Part 2

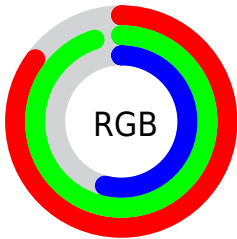
Format	Color
RYB	138, 243, 164
Decimal	14283658
CIELab	92.00, -24.40, 47.67
CIELCh	92, 53.549, 117.105
Yxy	80.7044, 0.3583, 0.4430
Android (android.graphics.Color)	4292473738 (0xFFD9F38A)
YUV	223.2560, -42.0312, -5.4865
Hunter-Lab	89.8356, -27.5286, 39.0003

Details

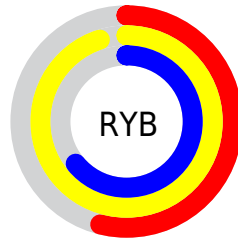
The CIELCh color **92, 53.549, 117.105** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **64, 59.166, 303.407**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 31.221, 107.803**, and **72, 53.910, 117.304** is the 20% darker color. If you saturate the color by 10%, you get **91, 64.926, 116.584**, and if you desaturate by 10%, it is **93, 41.566, 117.709**.

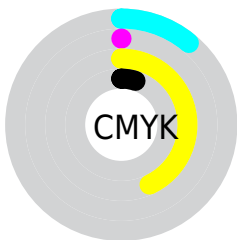
Distribution



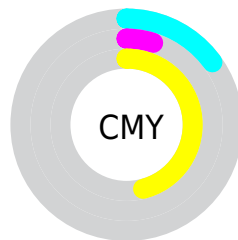
- Red (85%)
- Green (95%)
- Blue (54%)



- Red (54%)
- Yellow (95%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (43%)
- Black (5%)





- Cyan (15%)
- Magenta (5%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 53.549, 117.105 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, 53.549, 117.105 by changing the saturation by 10% instead.


 92, 53.549,
117.105


 92, 53.549,
117.105


 100, 53.549,
117.105


 82, 53.549,
117.105

 72, 53.549,
117.105

 62, 53.549,
117.105


 52, 53.549,
117.105

 42, 53.549,
117.105


 32, 53.549,
117.105


 22, 53.549,

117.105


 12, 53.549,
117.105


 2, 53.549, 117.105


 92, 53.549,
117.105


 92, 53.549,
117.105


 91, 64.926,
116.584


 93, 41.566,
117.709

 91, 75.328,
116.204

 94, 29.221,
118.346

 90, 84.252,
116.053

 95, 16.677,
118.991

 90, 91.113,
116.237

 96, 4.045, 119.630

 96, 6.321, 303.595

■ 89, 95.461,
116.846

■ 97, 7.110, 320.296

■ 89, 97.188,
117.473

■ 97, 7.459, 324.660

Harmonies

Complementary

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



92, 53.549, 117.105



64, 59.166, 303.407

Rectangle

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



92, 53.549, 117.105



92, 53.549, 167.105



92, 53.549, 297.105



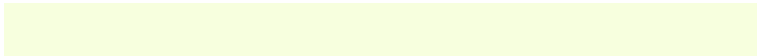
92, 53.549, 347.105

Sweetspot

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



92, 53.551, 117.107



99, 17.069, 119.003



74, 36.785, 42.672



52, 11.939, 118.860



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, 53.551, 117.107



95, 66.109, 116.635



89, 60.556, 134.509



51, 7.221, 119.230



70, 79.475, 117.259



22, 34.091, 116.283

Inverse Universe

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



64, 59.166, 303.407



60, 75.010, 304.368



69, 62.223, 318.623



47, 7.368, 300.442



24, 103.375, 307.706



4, 40.663, 305.348

Previews

White Background



This preview shows how the CIELCh color 92, 53.549, 117.105 looks on a white background.

Color Contrast Check

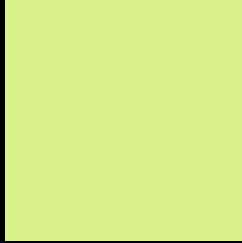
Large Text (above 18pt) WCAG AA × Fail

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, 53.549, 117.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

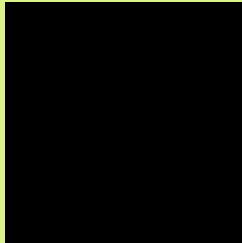
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 53.549, 117.105

Background



This preview shows how black text looks on a background with the CIELCh color 92, 53.549, 117.105.

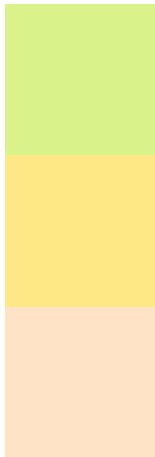


This preview shows how white text looks on a background with the CIELCh color 92, 53.549, 117.105.

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, 53.549, 117.105

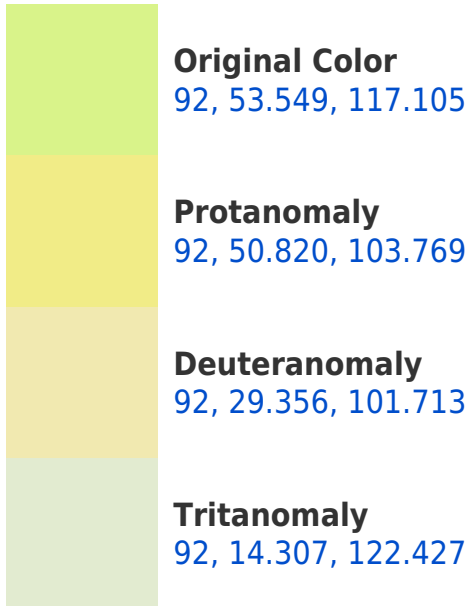
Protanopia
92, 50.371, 95.801

Deuteranopia
92, 18.436, 73.536



Tritanopia
92, 9.337, 293.040

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 53.549, 117.105 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(217, 243, 138)` looks like.

```
.text, #text, p{  
    color:rgb(217, 243, 138)  
}
```

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(217, 243, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 243, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 53.549, 117.105 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(217, 243, 138) }
```

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

```
.border{ border-color:rgb(217, 243, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 243, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 243, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 243, 138);  
box-shadow:4px 4px 4px 4px rgb(217, 243,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 53.549, 117.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 243, 138) }
```

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

```
.background{ background-color: rgb(217,  
243, 138) }
```

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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