

Converting Colors

CIELCh(93, 54.528, 117.709)

Have a look what the booklet for
CIELCh(93, 54.528, 117.709)
contains.

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Color

CIELCh(93, 54.547, 117.685)

Conversions

Conversions Part 1

Format	Color
Hex	DAF68B
RGB	218, 246, 139
RGB Percent	85%, 96%, 55%
CMY	0.1437, 0.0339, 0.4536
CMYK	0.11, 0.00, 0.43, 0.03
HSL	76°, 86%, 76%
HSV	76°, 43%, 97%
XYZ	66.7726, 82.9670, 37.0506
YIQ	225.4300, 17.6590, -39.2130

Conversions

Conversions Part 2

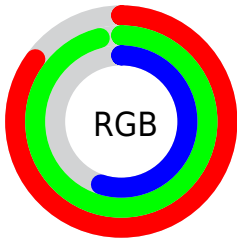
Format	Color
RYB	139, 246, 167
Decimal	14349963
CIELab	93.00, -25.34, 48.30
CIELCh	93, 54.547, 117.685
Yxy	82.9670, 0.3575, 0.4442
Android (android.graphics.Color)	4292540043 (0xFFDAF68B)
YUV	225.4300, -42.6100, -6.5161
Hunter-Lab	91.0862, -28.5479, 39.6433

Details

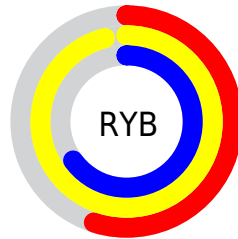
The CIELCh color **93, 54.547, 117.685** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **65, 60.215, 303.860**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 30.724, 107.841**, and **73, 54.922, 117.903** is the 20% darker color. If you saturate the color by 10%, you get **92, 66.066, 117.181**, and if you desaturate by 10%, it is **94, 42.410, 118.274**.

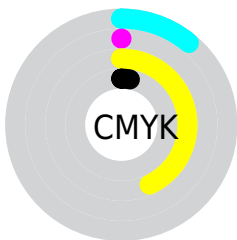
Distribution



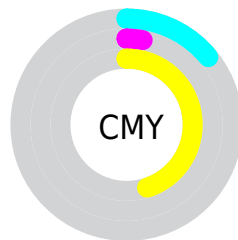
- Red (85%)
- Green (96%)
- Blue (55%)



- Red (55%)
- Yellow (96%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (43%)
- Black (3%)



- Cyan (14%)
- Magenta (3%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 54.547, 117.685 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 93, 54.547, 117.685 by changing the saturation by 10% instead.


 93, 54.547,
117.685


 93, 54.547,
117.685

 100, 54.547,
117.685

 83, 54.547,
117.685

 73, 54.547,
117.685

 63, 54.547,
117.685

 53, 54.547,
117.685

 43, 54.547,
117.685

 33, 54.547,
117.685

 23, 54.547,

117.685

■ 13, 54.547,
117.685

■ 3, 54.547, 117.685

■ 93, 54.547,
117.685

■ 93, 54.547,
117.685

■ 92, 66.066,
117.181

■ 94, 42.410,
118.274

■ 92, 76.589,
116.822

■ 95, 29.903,
118.897

■ 91, 85.606,
116.698

■ 96, 17.195,
119.529

■ 91, 92.524,
116.918

■ 97, 4.399, 120.154

■ 98, 4.676, 308.830

■ 90, 96.899,
117.576

■ 98, 5.375, 324.571

■ 90, 98.597,
118.212

Harmonies

Complementary

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



93, 54.547, 117.685



65, 60.215, 303.860

Rectangle

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



93, 54.547, 117.685



93, 54.547, 167.685



93, 54.547, 297.685



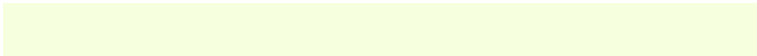
93, 54.547, 347.685

Sweetspot

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



93, 54.549, 117.687



99, 17.102, 119.555



75, 37.131, 44.275



52, 11.963, 119.416



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 54.549, 117.687



95, 66.270, 117.242



90, 61.861, 134.962



51, 7.235, 119.777



70, 79.785, 117.980



22, 34.196, 116.958

Inverse Universe

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



65, 60.215, 303.860



60, 75.027, 304.758



70, 63.423, 319.153



47, 7.379, 300.959



24, 103.157, 307.859



4, 40.710, 305.693

Previews

White Background



This preview shows how the CIELCh color 93, 54.547, 117.685 looks on a white background.

Color Contrast Check

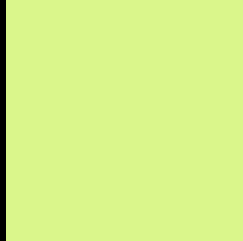
Large Text (above 18pt) WCAG AA × Fail

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 93, 54.547, 117.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

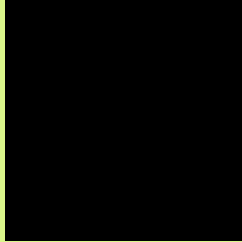
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 54.547, 117.685

Background



This preview shows how black text looks on a background with the CIELCh color 93, 54.547, 117.685.

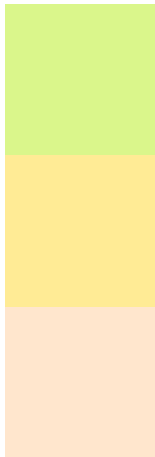


This preview shows how white text looks on a background with the CIELCh color 93, 54.547, 117.685.

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


93, 54.547, 117.685

Protanopia

93, 44.381, 96.156

Deuteranopia

93, 15.988, 72.959

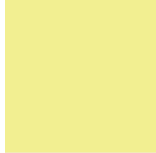


Tritanopia
93, 9.819, 290.957

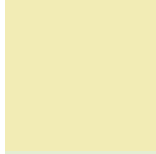
Trichromacy



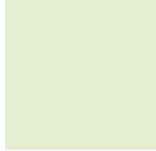
Original Color
93, 54.547, 117.685



Protanomaly
93, 47.357, 104.917



Deuteranomaly
93, 28.209, 103.197

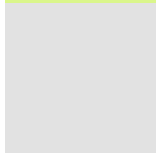


Tritanomaly
93, 14.367, 123.839

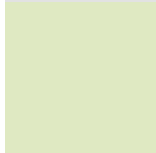
Monochromacy



Original Color
93, 54.547, 117.685



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 20.437, 119.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 54.547, 117.685 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(218, 246, 139)` looks like.

```
.text, #text, p{  
    color:rgb(218, 246, 139)  
}
```

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(218, 246, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 246, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 54.547, 117.685 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(218, 246, 139) }
```

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

```
.border{ border-color:rgb(218, 246, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 246, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 246, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 246, 139); box-shadow:4px 4px 4px 4px rgb(218, 246, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 54.547, 117.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 246, 139) }
```

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

```
.background{ background-color: rgb(218,  
246, 139) }
```

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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