

Converting Colors

CIELCh(93, 54.797, 118.772)

Have a look what the booklet for
CIELCh(93, 54.797, 118.772)
contains.

CIELCh(93, 54.786, 118.871)	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(93, 54.786, 118.871)

Conversions

Conversions Part 1

Format	Color
Hex	D8F78C
RGB	216, 247, 140
RGB Percent	85%, 97%, 55%
CMY	0.1532, 0.0316, 0.4512
CMYK	0.13, 0.00, 0.43, 0.03
HSL	77°, 87%, 76%
HSV	77°, 43%, 97%
XYZ	66.2737, 82.9670, 37.3104
YIQ	225.5330, 15.8710, -39.8490

Conversions

Conversions Part 2

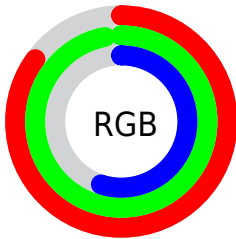
Format	Color
RYB	140, 247, 171
Decimal	14219148
CIELab	93.00, -26.45, 47.98
CIElCh	93, 54.786, 118.871
Yxy	82.9670, 0.3553, 0.4447
Android (android.graphics.Color)	4292409228 (0xFFD8F78C)
YUV	225.5330, -42.1678, -8.3604
Hunter-Lab	91.0862, -29.5256, 39.4742

Details

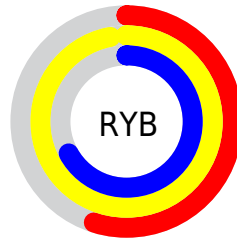
The CIELCh color **93, 54.786, 118.871** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **65, 60.250, 304.708**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 30.226, 107.879**, and **73, 55.208, 119.138** is the 20% darker color. If you saturate the color by 10%, you get **92, 66.413, 118.392**, and if you desaturate by 10%, it is **94, 42.549, 119.435**.

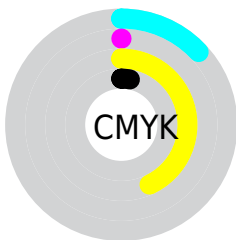
Distribution



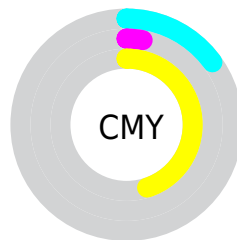
- Red (85%)
- Green (97%)
- Blue (55%)



- Red (55%)
- Yellow (97%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (43%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 54.786, 118.871 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, 54.786, 118.871 by changing the saturation by 10% instead.


 93, 54.786,
118.871


 93, 54.786,
118.871


 100, 54.786,
118.871


 83, 54.786,
118.871

 73, 54.786,
118.871

 63, 54.786,
118.871

 53, 54.786,
118.871

 43, 54.786,
118.871

 33, 54.786,
118.871

 23, 54.786,

118.871

■ 13, 54.786,
118.871

■ 3, 54.786, 118.871

■ 93, 54.786,
118.871

■ 93, 54.786,
118.871

■ 92, 66.413,
118.392

■ 94, 42.549,
119.435

■ 92, 77.054,
118.059

■ 95, 29.949,
120.033

■ 91, 86.201,
117.968

■ 96, 17.155,
120.637

■ 90, 93.262,
118.229

■ 97, 4.279, 121.237

■ 98, 4.464, 312.332

■ 90, 97.790,
118.942

■ 98, 5.014, 324.555

■ 90, 99.607,
119.636

Harmonies

Complementary

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



93, 54.786, 118.871



65, 60.250, 304.708

Rectangle

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



93, 54.786, 118.871



93, 54.786, 168.871



93, 54.786, 298.871



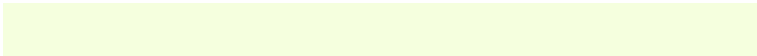
93, 54.786, 348.871

Sweetspot

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



93, 54.788, 118.873



99, 17.173, 120.655



76, 36.567, 47.557



52, 12.013, 120.522



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, 54.788, 118.873



95, 66.615, 118.445



90, 62.456, 135.881



51, 7.264, 120.868



70, 80.441, 119.387



22, 34.420, 118.283

Inverse Universe

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



65, 60.250, 304.708



61, 75.068, 305.548



70, 63.738, 320.186



47, 7.405, 301.991



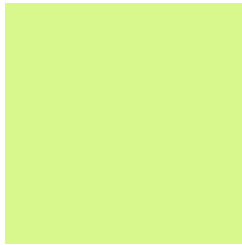
25, 102.692, 308.191



4, 40.808, 306.408

Previews

White Background



This preview shows how the CIELCh color 93, 54.786, 118.871 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, 54.786, 118.871 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, 54.786, 118.871

Background



This preview shows how black text looks on a background with the CIELCh color 93, 54.786, 118.871.

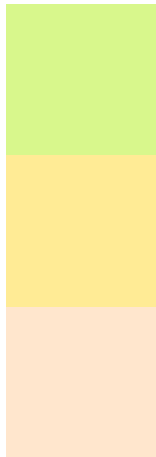


This preview shows how white text looks on a background with the CIELCh color 93, 54.786, 118.871.

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

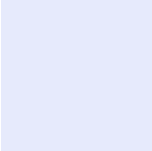
93, 54.786, 118.871

Protanopia

93, 44.381, 96.156

Deuteranopia

93, 15.988, 72.959

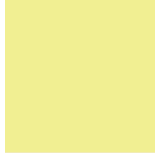


Tritanopia
93, 9.373, 282.525

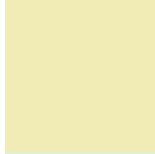
Trichromacy



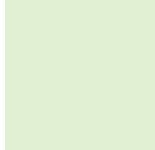
Original Color
93, 54.786, 118.871



Protanomaly
93, 46.866, 105.434



Deuteranomaly
93, 28.180, 103.983

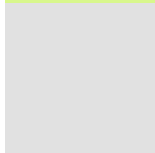


Tritanomaly
93, 15.300, 128.552

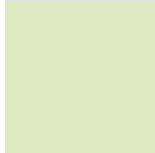
Monochromacy



Original Color
93, 54.786, 118.871



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 20.514, 120.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 54.786, 118.871 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, 247, 140)` looks like.

```
.text, #text, p{  
    color:rgb(216, 247, 140)  
}
```

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, 247, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 247, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 54.786, 118.871 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, 247, 140) }
```

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

```
.border{ border-color:rgb(216, 247, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 247, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 247, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 247, 140); box-shadow:4px 4px 4px 4px rgb(216, 247, 140) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 54.786, 118.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 247, 140) }
```

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

```
.background{ background-color: rgb(216,  
247, 140) }
```

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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