

Converting Colors

CIELCh(93, 47.813, 141.708)

Have a look what the booklet for
CIELCh(93, 47.813, 141.708)
contains.

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Color

CIELCh(93, 47.882, 141.671)

Conversions

Conversions Part 1

Format	Color
Hex	B2FDB0
RGB	178, 253, 176
RGB Percent	70%, 99%, 69%
CMY	0.3014, 0.0072, 0.3092
CMYK	0.30, 0.00, 0.30, 0.01
HSL	118°, 95%, 84%
HSV	118°, 30%, 99%
XYZ	61.4160, 82.9670, 53.9242
YIQ	221.7970, -19.9830, -39.8470

Conversions

Conversions Part 2

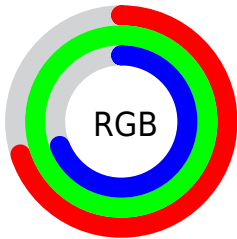
Format	Color
RYB	176, 253, 251
Decimal	11730352
CIELab	93.00, -37.56, 29.70
CIElCh	93, 47.882, 141.671
Yxy	82.9670, 0.3097, 0.4184
Android (android.graphics.Color)	4289920432 (0xFFB2FDB0)
YUV	221.7970, -22.5779, -38.4100
Hunter-Lab	91.0862, -39.0451, 28.6599

Details

The CIELCh color **93, 47.882, 141.671** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **81, 47.942, 325.356**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 13.752, 140.417**, and **73, 47.844, 141.694** is the 20% darker color. If you saturate the color by 10%, you get **91, 63.187, 140.758**, and if you desaturate by 10%, it is **95, 32.170, 142.471**.

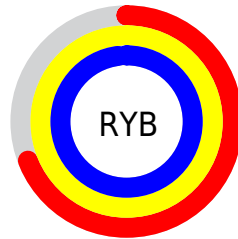
Distribution



Red (70%)

Green (99%)

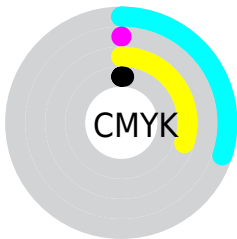
Blue (69%)



Red (69%)

Yellow (99%)

Blue (98%)

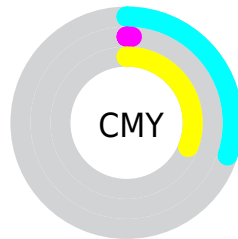


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (1%)



Cyan (30%)

Magenta (1%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 47.882, 141.671 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, 47.882, 141.671 by changing the saturation by 10% instead.

■ 93, 47.882,
141.671

■ 93, 47.882,
141.671

■ 100, 47.882,
141.671

■ 83, 47.882,
141.671

■ 73, 47.882,
141.671

■ 63, 47.882,
141.671


■ 53, 47.882,
141.671

■ 43, 47.882,
141.671


■ 33, 47.882,
141.671


■ 23, 47.882,


141.671


 13, 47.882,
141.671


 3, 47.882, 141.671


 93, 47.882,
141.671


 93, 47.882,
141.671

 91, 63.187,
140.758


 95, 32.170,
142.471

 90, 77.684,
139.743

 97, 16.349,
143.164

 89, 90.874,
138.672

 99, 0.646, 144.192

 88, 102.157,
137.632

100, 1.154,
324.214

■ 88, 110.868,
136.757

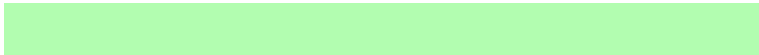
■ 87, 116.461,
136.190

■ 87, 119.001,
135.943

Harmonies

Complementary

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



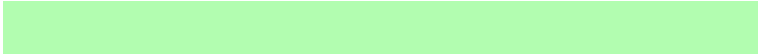
93, 47.882, 141.671



81, 47.942, 325.356

Rectangle

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



93, 47.882, 141.671



93, 47.882, 191.671



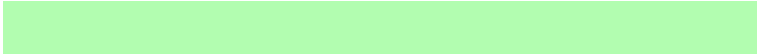
93, 47.882, 321.671



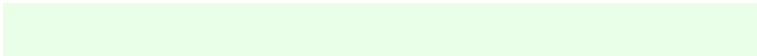
93, 47.882, 11.671

Sweetspot

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



93, 47.884, 141.671



98, 14.189, 143.255



97, 37.495, 105.757



52, 9.870, 143.161



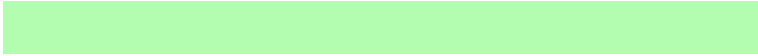
0, 0.000, 0.000



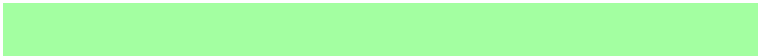
53, 0.007, 296.813

Same Dimension

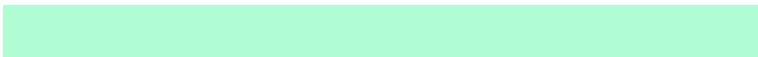
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 47.884, 141.671



93, 58.363, 141.081



94, 34.150, 159.092



52, 8.967, 143.223



68, 96.337, 135.913



22, 43.610, 136.418

Inverse Universe

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



81, 47.942, 325.356



78, 58.387, 325.686



80, 35.249, 344.657



50, 8.984, 324.237



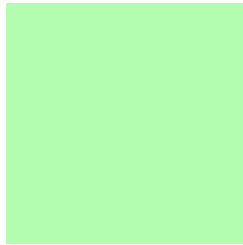
45, 93.193, 327.205



12, 42.866, 327.328

Previews

White Background



This preview shows how the CIE LCh color 93, 47.882, 141.671 looks on a white background.

Color Contrast Check

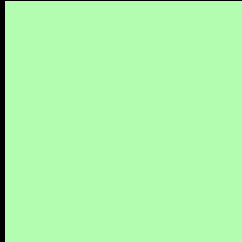
Large Text (above 18pt) WCAG AA × Fail

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, 47.882, 141.671 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, 47.882, 141.671

Background



This preview shows how black text looks on a background with the CIELCh color 93, 47.882, 141.671.

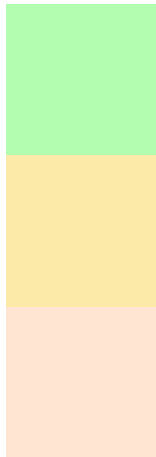


This preview shows how white text looks on a background with the CIELCh color 93, 47.882, 141.671.

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

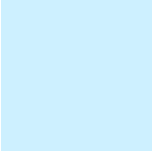
93, 47.882, 141.671

Protanopia

93, 34.472, 95.530

Deuteranopia

93, 13.830, 64.608

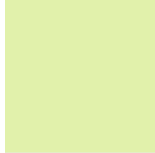


Tritanopia
93, 13.731, 233.302

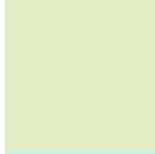
Trichromacy



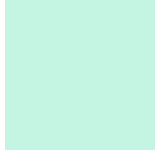
Original Color
93, 47.882, 141.671



Protanomaly
93, 36.117, 117.183



Deuteranomaly
92, 20.933, 119.847

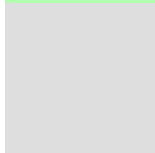


Tritanomaly
93, 20.012, 168.742

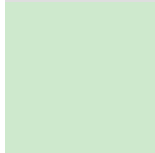
Monochromacy



Original Color
93, 47.882, 141.671



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 17.587, 142.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 47.882, 141.671 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(178, 253, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 253, 176)  
}
```

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(178, 253, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 253, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 47.882, 141.671 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(178, 253, 176) }
```

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

```
.border{ border-color:rgb(178, 253, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 253, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 253, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 253, 176); box-shadow:4px 4px 4px 4px rgb(178, 253, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 47.882, 141.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 253, 176) }
```

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

```
.background{ background-color: rgb(178,  
253, 176) }
```

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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