

Converting Colors

CIELCh(93, 45.480, 144.124)

Have a look what the booklet for
CIELCh(93, 45.480, 144.124)
contains.

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Color

CIELCh(93, 45.573, 144.089)

Conversions

Conversions Part 1

Format	Color
Hex	B1FDB6
RGB	177, 253, 182
RGB Percent	69%, 99%, 71%
CMY	0.3059, 0.0079, 0.2863
CMYK	0.30, 0.00, 0.28, 0.01
HSL	124°, 95%, 84%
HSV	124°, 30%, 99%
XYZ	61.6938, 82.9670, 57.0131
YIQ	222.1820, -22.5050, -38.1930

Conversions

Conversions Part 2

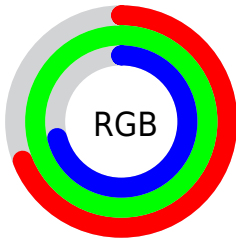
Format	Color
RYB	177, 248, 253
Decimal	11664822
CIELab	93.00, -36.91, 26.73
CIELCh	93, 45.573, 144.089
Yxy	82.9670, 0.3059, 0.4114
Android (android.graphics.Color)	4289854902 (0xFFB1FDB6)
YUV	222.1820, -19.8097, -39.6246
Hunter-Lab	91.0862, -38.5008, 26.6493

Details

The CIELCh color **93, 45.573, 144.089** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **81, 45.589, 327.975**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 11.451, 149.697**, and **73, 45.459, 144.220** is the 20% darker color. If you saturate the color by 10%, you get **91, 60.359, 143.109**, and if you desaturate by 10%, it is **95, 30.420, 144.936**.

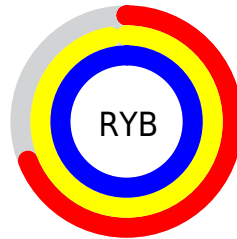
Distribution



Red (69%)

Green (99%)

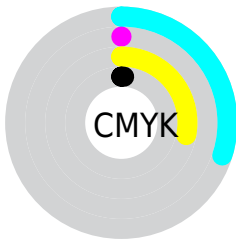
Blue (71%)



Red (69%)

Yellow (97%)

Blue (99%)

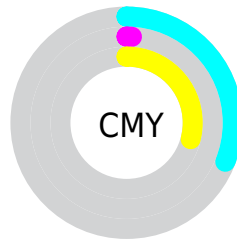


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (1%)



Cyan (31%)


Magenta (1%)


Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 45.573, 144.089 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, 45.573, 144.089 by changing the saturation by 10% instead.


 93, 45.573,
144.089


 93, 45.573,
144.089


 100, 45.573,
144.089


 83, 45.573,
144.089

 73, 45.573,
144.089

 63, 45.573,
144.089


 53, 45.573,
144.089

 43, 45.573,
144.089


 33, 45.573,
144.089


 23, 45.573,


144.089


 13, 45.573,
144.089


 3, 45.573, 144.089


 93, 45.573,
144.089


 93, 45.573,
144.089

 91, 60.359,
143.109


 95, 30.420,
144.936

 90, 74.421,
141.994

 97, 15.175,
145.667

 89, 87.337,
140.764

 99, 0.052, 152.521

 88, 98.623,
139.473

100, 1.254,
324.239

■ 88, 107.760,
138.218

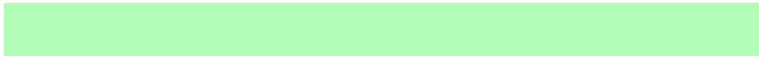
■ 87, 114.270,
137.138

■ 87, 117.948,
136.403

Harmonies

Complementary

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



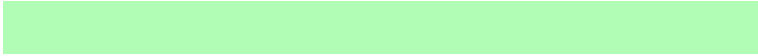
93, 45.573, 144.089



81, 45.589, 327.975

Rectangle

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



93, 45.573, 144.089



93, 45.573, 194.089



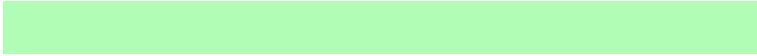
93, 45.573, 324.089



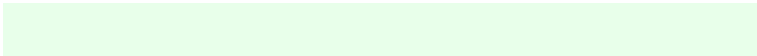
93, 45.573, 14.089

Sweetspot

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



93, 45.575, 144.089



98, 13.679, 145.738



97, 38.224, 109.449



52, 9.515, 145.638



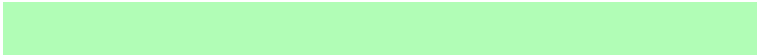
0, 0.000, 0.000



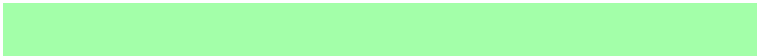
53, 0.007, 296.813

Same Dimension

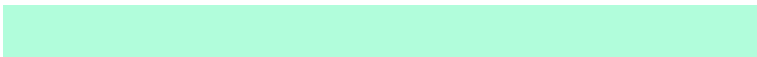
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 45.575, 144.089



93, 54.799, 143.520



94, 31.575, 163.533



52, 8.644, 145.703



68, 95.272, 136.532



22, 42.381, 138.037

Inverse Universe

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



81, 45.589, 327.975



79, 54.753, 328.313



80, 33.119, 349.429



50, 8.659, 326.779



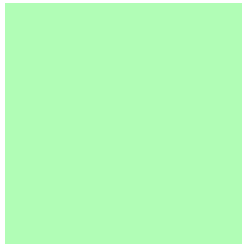
45, 88.390, 331.043



12, 40.918, 330.683

Previews

White Background



This preview shows how the CIE LCh color 93, 45.573, 144.089 looks on a white background.

Color Contrast Check

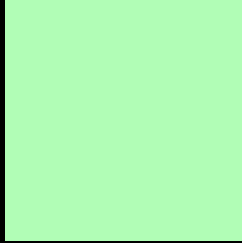
Large Text (above 18pt) WCAG AA × Fail

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, 45.573, 144.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

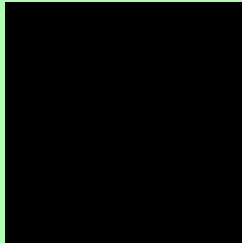
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 45.573, 144.089

Background



This preview shows how black text looks on a background with the CIELCh color 93, 45.573, 144.089.

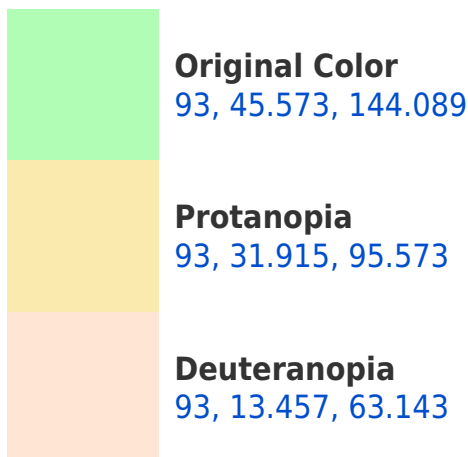


This preview shows how white text looks on a background with the CIELCh color 93, 45.573, 144.089.

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



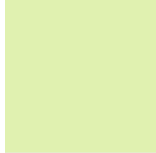


Tritanopia
93, 13.991, 232.561

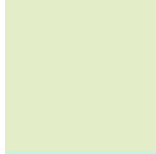
Trichromacy



Original Color
93, 45.573, 144.089



Protanomaly
93, 33.739, 118.672

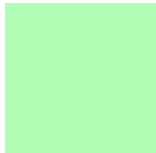


Deuteranomaly
92, 19.934, 120.469

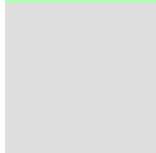


Tritanomaly
93, 19.750, 171.709

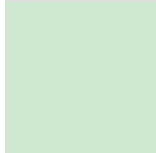
Monochromacy



Original Color
93, 45.573, 144.089



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 16.726, 144.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 45.573, 144.089 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(177, 253, 182)` looks like.

```
.text, #text, p{  
    color:rgb(177, 253, 182)  
}
```

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(177, 253, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 253, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 45.573, 144.089 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(177, 253, 182) }
```

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

```
.border{ border-color:rgb(177, 253, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 253, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 253, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 253, 182);  
box-shadow:4px 4px 4px 4px rgb(177, 253,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 45.573, 144.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 253, 182) }
```

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

```
.background{ background-color: rgb(177,  
253, 182) }
```

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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