

Converting Colors

CIELCh(93, 44.585, 142.480)

Have a look what the booklet for
CIELCh(93, 44.585, 142.480)
contains.

CIELCh(93, 44.585, 142.480)	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, 44.585, 142.480)

Conversions

Conversions Part 1

Format	Color
Hex	B5FCB5
RGB	181, 252, 181
RGB Percent	71%, 99%, 71%
CMY	0.2893, 0.0108, 0.2893
CMYK	0.28, 0.00, 0.28, 0.01
HSL	120°, 93%, 85%
HSV	120°, 28%, 99%
XYZ	62.3583, 82.9670, 56.5643
YIQ	222.6770, -19.5250, -37.1330

Conversions

Conversions Part 2

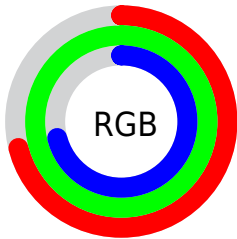
Format	Color
RYB	181, 252, 252
Decimal	11926709
CIELab	93.00, -35.36, 27.15
CIElCh	93, 44.585, 142.480
Yxy	82.9670, 0.3089, 0.4110
Android (android.graphics.Color)	4290116789 (0xFFB5FCB5)
YUV	222.6770, -20.5468, -36.5507
Hunter-Lab	91.0862, -37.1986, 26.9414

Details

The CIELCh color **93, 44.585, 142.480** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 44.587, 325.980**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 11.006, 142.592**, and **73, 44.457, 142.631** is the 20% darker color. If you saturate the color by 10%, you get **91, 60.075, 141.549**, and if you desaturate by 10%, it is **95, 28.744, 143.287**.

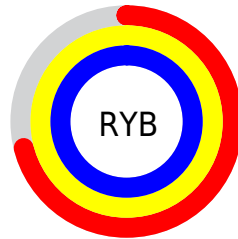
Distribution



Red (71%)

Green (99%)

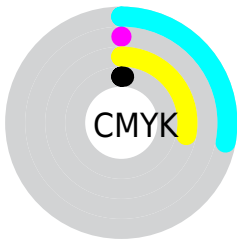
Blue (71%)



Red (71%)

Yellow (99%)

Blue (99%)

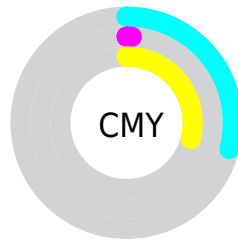


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (1%)



Cyan (29%)

Magenta (1%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 44.585, 142.480 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, 44.585, 142.480 by changing the saturation by 10% instead.

 93, 44.585,
142.480

 93, 44.585,
142.480

 100, 44.585,
142.480

 83, 44.585,
142.480

 73, 44.585,
142.480

 63, 44.585,
142.480


 53, 44.585,
142.480

 43, 44.585,
142.480

 33, 44.585,
142.480

 23, 44.585,


142.480

 13, 44.585,
142.480


 3, 44.585, 142.480


 93, 44.585,
142.480

 93, 44.585,
142.480

 91, 60.075,
141.549


 95, 28.744,
143.287

 90, 74.819,
140.501

 97, 12.843,
143.985

 89, 88.331,
139.367

 99, 1.720, 324.322

 88, 100.026,
138.226

■ 87, 109.250,
137.203

■ 87, 115.422,
136.451

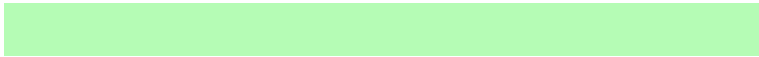
■ 87, 118.416,
136.066

■ 87, 118.795,
136.016

Harmonies

Complementary

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



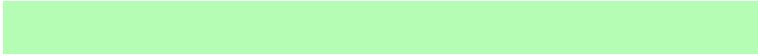
93, 44.585, 142.480



82, 44.587, 325.980

Rectangle

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



93, 44.585, 142.480



93, 44.585, 192.480



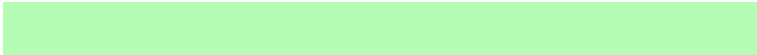
93, 44.585, 322.480



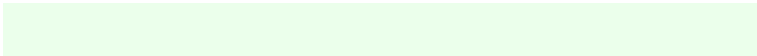
93, 44.585, 12.480

Sweetspot

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



93, 44.587, 142.480



98, 12.711, 143.995



97, 35.196, 106.721



52, 9.043, 143.895



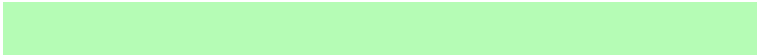
0, 0.000, 0.000



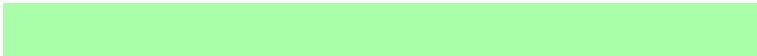
53, 0.007, 296.813

Same Dimension

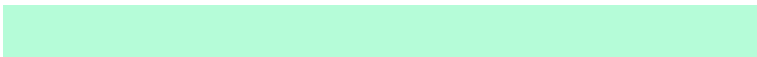
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 44.587, 142.480



93, 54.181, 141.949



94, 31.154, 160.177



51, 8.895, 143.896



67, 95.515, 136.016



21, 42.475, 137.058

Inverse Universe

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



82, 44.587, 325.980



80, 54.137, 326.289



81, 32.176, 345.332



49, 8.908, 324.945



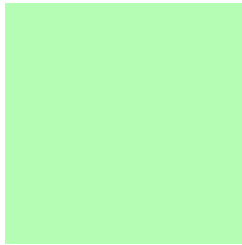
45, 92.157, 328.231



12, 41.696, 328.231

Previews

White Background



This preview shows how the CIELCh color 93, 44.585, 142.480 looks on a white background.

Color Contrast Check

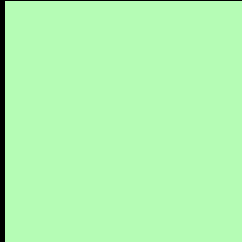
Large Text (above 18pt) WCAG AA × Fail

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, 44.585, 142.480 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, 44.585, 142.480

Background



This preview shows how black text looks on a background with the CIELCh color 93, 44.585, 142.480.

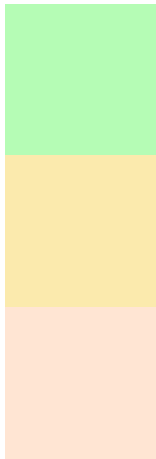


This preview shows how white text looks on a background with the CIELCh color 93, 44.585, 142.480.

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, 44.585, 142.480

Protanopia
93, 31.915, 95.573

Deuteranopia
93, 13.457, 63.143

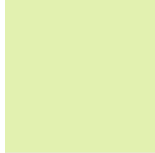


Tritanopia
93, 13.472, 234.073

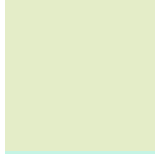
Trichromacy



Original Color
93, 44.585, 142.480



Protanomaly
93, 33.588, 117.410



Deuteranomaly
92, 19.296, 118.662

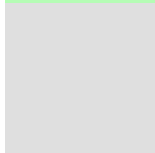


Tritanomaly
93, 18.333, 171.403

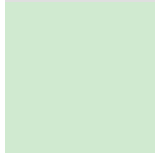
Monochromacy



Original Color
93, 44.585, 142.480



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 16.501, 143.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 44.585, 142.480 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(181, 252, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 252, 181)  
}
```

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(181, 252, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 252, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 44.585, 142.480 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(181, 252, 181) }
```

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

```
.border{ border-color:rgb(181, 252, 181) }
```

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

Here you see how a box with a 4 pixel rgb(181, 252, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 252, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 252, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 252,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 44.585, 142.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 252, 181) }
```

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

```
.background{ background-color: rgb(181,  
252, 181) }
```

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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