

Converting Colors

CIELCh(93, 46.496, 126.251)

Have a look what the booklet for
CIELCh(93, 46.496, 126.251)
contains.

CIELCh(93, 46.665, 126.374)	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, 46.665, 126.374)

Conversions

Conversions Part 1

Format	Color
Hex	CFF8A1
RGB	207, 248, 161
RGB Percent	81%, 97%, 63%
CMY	0.1883, 0.0275, 0.3686
CMYK	0.17, 0.00, 0.35, 0.03
HSL	88°, 86%, 80%
HSV	88°, 35%, 97%
XYZ	65.7272, 82.9670, 46.2648
YIQ	225.8230, 3.4910, -35.7490

Conversions

Conversions Part 2

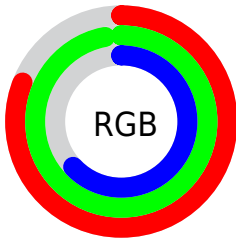
Format	Color
RYB	161, 248, 202
Decimal	13629601
CIELab	93.00, -27.67, 37.57
CIELCh	93, 46.665, 126.374
Yxy	82.9670, 0.3371, 0.4256
Android (android.graphics.Color)	4291819681 (0xFFCFF8A1)
YUV	225.8230, -31.9577, -16.5078
Hunter-Lab	91.0862, -30.5965, 33.6456

Details

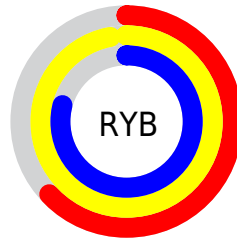
The CIELCh color **93, 46.665, 126.374** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **73, 49.247, 309.886**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **73, 46.601, 126.399** is the 20% darker color. If you saturate the color by 10%, you get **92, 59.459, 125.910**, and if you desaturate by 10%, it is **94, 33.507, 126.871**.

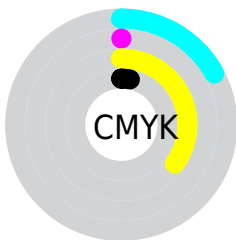
Distribution



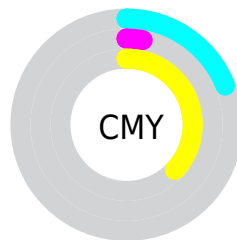
- Red (81%)
- Green (97%)
- Blue (63%)



- Red (63%)
- Yellow (97%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (35%)
- Black (3%)




- Cyan (19%)
- Magenta (3%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 46.665, 126.374 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, 46.665, 126.374 by changing the saturation by 10% instead.


 93, 46.665,
126.374


 93, 46.665,
126.374


 100, 46.665,
126.374


 83, 46.665,
126.374

 73, 46.665,
126.374

 63, 46.665,
126.374

 53, 46.665,
126.374

 43, 46.665,
126.374

 33, 46.665,
126.374

 23, 46.665,

126.374

■ 13, 46.665,
126.374

■ 3, 46.665, 126.374

■ 93, 46.665,
126.374

■ 93, 46.665,
126.374

■ 92, 59.459,
125.910

■ 94, 33.507,
126.871

■ 91, 71.607,
125.527

■ 95, 20.169,
127.366

■ 90, 82.715,
125.304

■ 97, 6.781, 127.850

■ 89, 92.254,
125.355

■ 98, 4.126, 319.494

■ 98, 4.359, 324.523

■ 89, 99.634,
125.810

■ 88, 104.464,
126.767

■ 88, 106.119,
127.365

Harmonies

Complementary

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



93, 46.665, 126.374



73, 49.247, 309.886

Rectangle

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



93, 46.665, 126.374



93, 46.665, 176.374



93, 46.665, 306.374



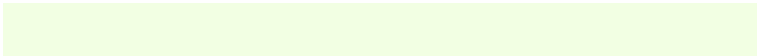
93, 46.665, 356.374

Sweetspot

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



93, 46.667, 126.376



98, 15.040, 127.563



84, 28.665, 67.532



52, 10.107, 127.497



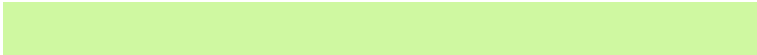
0, 0.000, 0.000



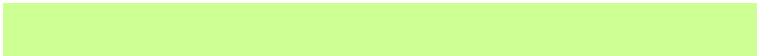
53, 0.007, 296.813

Same Dimension

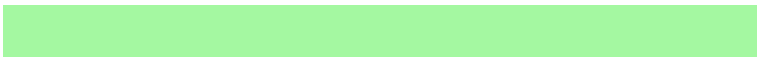
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 46.667, 126.376



95, 56.835, 126.045



91, 54.056, 141.094



52, 7.643, 127.636



69, 86.202, 127.087



23, 37.500, 125.644

Inverse Universe

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



73, 49.247, 309.886



70, 60.716, 310.295



77, 54.122, 325.375



48, 7.756, 308.492



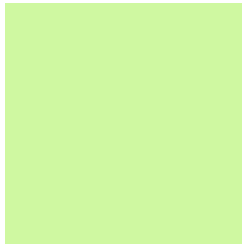
29, 100.138, 311.248



5, 43.214, 311.862

Previews

White Background



This preview shows how the CIELCh color 93, 46.665, 126.374 looks on a white background.

Color Contrast Check

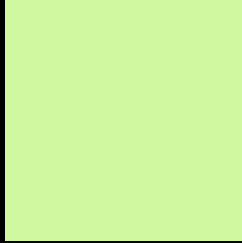
Large Text (above 18pt) WCAG AA × Fail

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, 46.665, 126.374 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, 46.665, 126.374

Background



This preview shows how black text looks on a background with the CIELCh color 93, 46.665, 126.374.

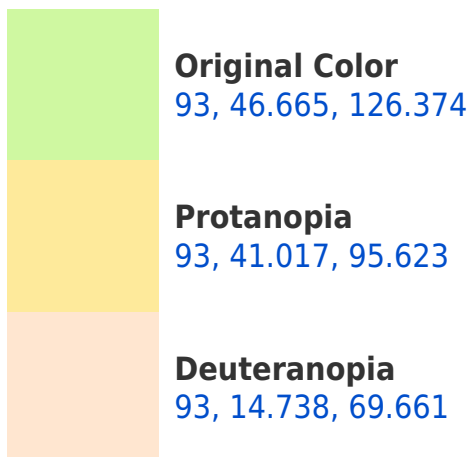


This preview shows how white text looks on a background with the CIELCh color 93, 46.665, 126.374.

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



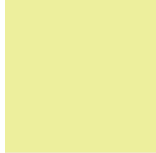


Tritanopia
93, 10.927, 263.403

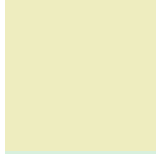
Trichromacy



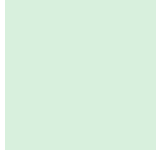
Original Color
93, 46.665, 126.374



Protanomaly
93, 41.516, 107.939



Deuteranomaly
93, 23.543, 107.365

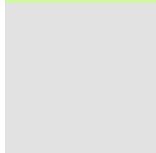


Tritanomaly
93, 13.083, 150.186

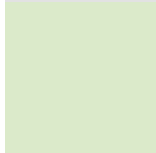
Monochromacy



Original Color
93, 46.665, 126.374



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 17.434, 127.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 46.665, 126.374 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(207, 248, 161)` looks like.

```
.text, #text, p{  
    color:rgb(207, 248, 161)  
}
```

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(207, 248, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 248, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 46.665, 126.374 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(207, 248, 161) }
```

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

```
.border{ border-color:rgb(207, 248, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 248, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 248, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 248, 161);  
box-shadow:4px 4px 4px 4px rgb(207, 248,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 46.665, 126.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 248, 161) }
```

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

```
.background{ background-color: rgb(207,  
248, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor