

Converting Colors

CIELCh(100, 78.383, 134.194)

Have a look what the booklet for
CIELCh(100, 78.383, 134.194)
contains.

CIELCh(93, 64.509, 132.789)	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, 64.509, 132.789)

Conversions

Conversions Part 1

Format	Color
Hex	B1FF8C
RGB	177, 255, 140
RGB Percent	69%, 100%, 55%
CMY	0.3049, 0.0000, 0.4500
CMYK	0.30, 0.00, 0.45, 0.00
HSL	101°, 100%, 77%
HSV	101°, 45%, 100%
XYZ	58.7865, 82.9670, 37.8214
YIQ	218.5680, -9.5730, -52.3010

Conversions

Conversions Part 2

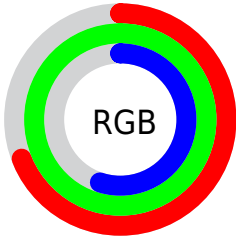
Format	Color
RYB	140, 255, 218
Decimal	11665292
CIELab	93.00, -43.82, 47.34
CIELCh	93, 64.509, 132.789
Yxy	82.9670, 0.3274, 0.4620
Android (android.graphics.Color)	4289855372 (0xFFB1FF8C)
YUV	218.5680, -38.7340, -36.4551
Hunter-Lab	91.0862, -44.1982, 39.1416

Details

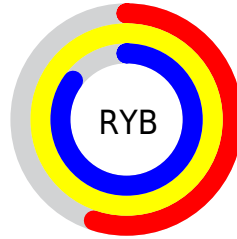
The CIELCh color **93, 64.509, 132.789** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **70, 66.776, 316.947**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 31.235, 121.741**, and **73, 64.692, 132.713** is the 20% darker color. If you saturate the color by 10%, you get **92, 77.597, 132.262**, and if you desaturate by 10%, it is **94, 50.428, 133.317**.

Distribution



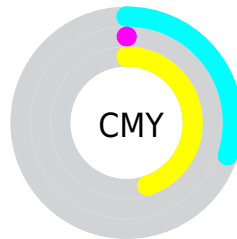
- Red (69%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (85%)



- Cyan (30%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)




- Cyan (30%)
- Magenta (0%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 64.509, 132.789 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, 64.509, 132.789 by changing the saturation by 10% instead.


 93, 64.509,
132.789


 93, 64.509,
132.789

 100, 64.509,
132.789


 83, 64.509,
132.789

 73, 64.509,
132.789

 63, 64.509,
132.789

 53, 64.509,
132.789

 43, 64.509,
132.789

 33, 64.509,
132.789

 23, 64.509,

132.789

■ 13, 64.509,
132.789

■ 3, 64.509, 132.789

■ 93, 64.509,
132.789

■ 93, 64.509,
132.789

■ 92, 77.597,
132.262

■ 94, 50.428,
133.317

■ 91, 89.694,
131.868

■ 96, 36.113,
133.854

■ 90, 100.079,
131.702

■ 97, 21.644,
134.360

■ 89, 108.118,
131.898

■ 99, 7.182, 134.836

100, 0.012,

■ 89, 113.371,
132.550

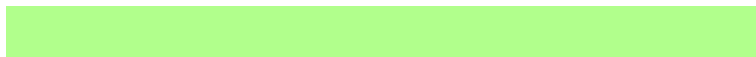
296.813

■ 89, 115.144,
132.981

Harmonies

Complementary

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



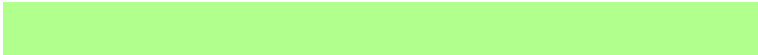
93, 64.509, 132.789



70, 66.776, 316.947

Rectangle

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



93, 64.509, 132.789



93, 64.509, 182.789



93, 64.509, 312.789



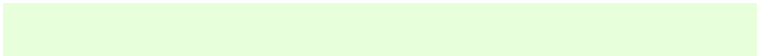
93, 64.509, 2.789

Sweetspot

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



93, 64.361, 132.770



97, 20.194, 134.409



88, 42.686, 85.136



52, 13.950, 134.304



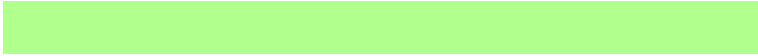
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

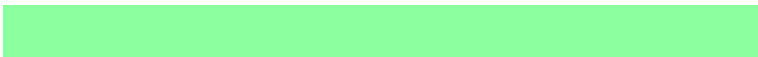
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 64.361, 132.770



92, 76.315, 132.309



92, 63.249, 145.531



52, 8.187, 134.623



68, 92.485, 132.753



23, 41.091, 131.576

Inverse Universe

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



70, 66.776, 316.947



65, 79.672, 317.263



74, 63.164, 332.265



49, 8.259, 315.400



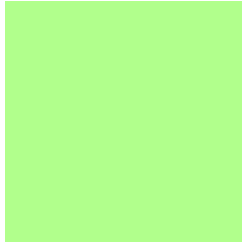
35, 96.875, 316.638



8, 44.246, 317.860

Previews

White Background



This preview shows how the CIE LCh color 93, 64.509, 132.789 looks on a white background.

Color Contrast Check

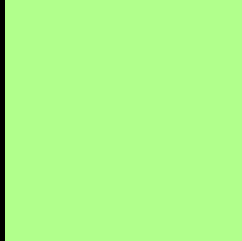
Large Text (above 18pt) WCAG AA × Fail

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, 64.509, 132.789 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, 64.509, 132.789

Background



This preview shows how black text looks on a background with the CIELCh color 93, 64.509, 132.789.

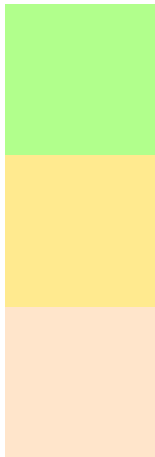


This preview shows how white text looks on a background with the CIELCh color 93, 64.509, 132.789.

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](#).

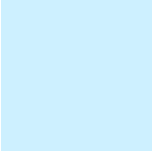
Dichromacy



Original Color
93, 64.509, 132.789

Protanopia
93, 46.897, 95.942

Deuteranopia
92, 16.658, 72.862

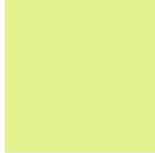


Tritanopia
93, 13.731, 233.302

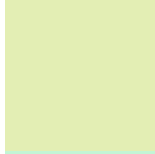
Trichromacy



Original Color
93, 64.509, 132.789



Protanomaly
92, 50.507, 112.975

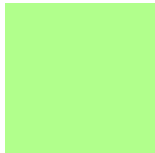


Deuteranomaly
92, 29.929, 115.885

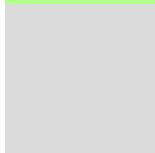


Tritanomaly
92, 24.328, 155.198

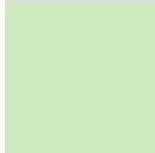
Monochromacy



Original Color
93, 64.509, 132.789



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 24.135, 133.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 64.509, 132.789 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, 255, 140)` looks like.

```
.text, #text, p{  
    color:rgb(177, 255, 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(177, 255, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 255, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 64.509, 132.789 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, 255, 140) }
```

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

```
.border{ border-color:rgb(177, 255, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 255, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 255, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 255, 140);  
box-shadow:4px 4px 4px 4px rgb(177, 255,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 64.509, 132.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 255, 140) }
```

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

```
.background{ background-color: rgb(177,  
255, 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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