

Converting Colors

CIELCh(93, 50.997, 146.888)

Have a look what the booklet for
CIELCh(93, 50.997, 146.888)
contains.

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Color

CIELCh(93, 50.460, 147.103)

Conversions

Conversions Part 1

Format	Color
Hex	A3FFB4
RGB	163, 255, 180
RGB Percent	64%, 100%, 71%
CMY	0.3590, 0.0000, 0.2924
CMYK	0.36, 0.00, 0.29, 0.00
HSL	131°, 100%, 82%
HSV	131°, 36%, 100%
XYZ	59.3898, 82.9670, 56.2983
YIQ	218.9420, -30.7570, -42.8290

Conversions

Conversions Part 2

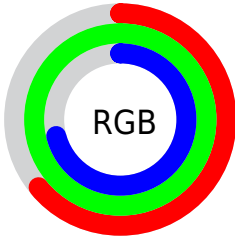
Format	Color
RYB	163, 241, 255
Decimal	10747828
CIELab	93.00, -42.37, 27.41
CIElCh	93, 50.460, 147.103
Yxy	82.9670, 0.2990, 0.4176
Android (android.graphics.Color)	4288937908 (0xFFA3FFB4)
YUV	218.9420, -19.1984, -49.0611
Hunter-Lab	91.0862, -43.0159, 27.1146

Details

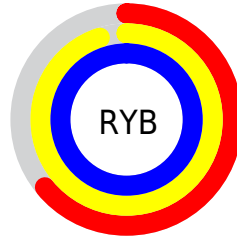
The CIELCh color **93, 50.460, 147.103** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 50.332, 332.346**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.704, 160.296**, and **73, 50.569, 147.228** is the 20% darker color. If you saturate the color by 10%, you get **91, 63.561, 146.024**, and if you desaturate by 10%, it is **95, 36.340, 148.118**.

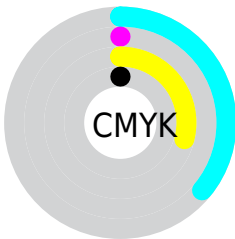
Distribution



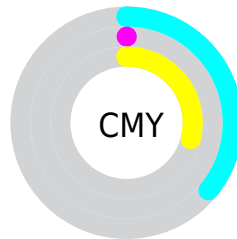
- Red (64%)
- Green (100%)
- Blue (71%)



- Red (64%)
- Yellow (95%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 50.460, 147.103 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, 50.460, 147.103 by changing the saturation by 10% instead.


 93, 50.460,
147.103


 93, 50.460,
147.103


 100, 50.460,
147.103


 83, 50.460,
147.103

 73, 50.460,
147.103

 63, 50.460,
147.103


 53, 50.460,
147.103

 43, 50.460,
147.103


 33, 50.460,
147.103


 23, 50.460,


147.103


 13, 50.460,
147.103


 3, 50.460, 147.103


 93, 50.460,
147.103


 93, 50.460,
147.103

 91, 63.561,
146.024


 95, 36.340,
148.118

 90, 76.152,
144.739

 96, 22.279,
148.956

 89, 87.632,
143.295

 99, 8.218, 149.699

 89, 97.672,
141.725

100, 0.012,
296.813

■ 88, 105.964,
140.096

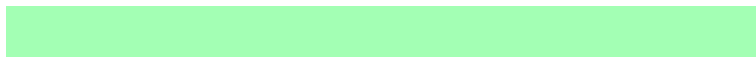
■ 88, 112.264,
138.522

■ 88, 114.287,
137.959

Harmonies

Complementary

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



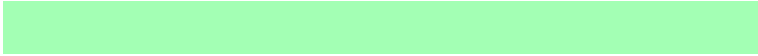
93, 50.460, 147.103



78, 50.332, 332.346

Rectangle

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



93, 50.460, 147.103



93, 50.460, 197.103



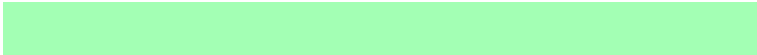
93, 50.460, 327.103



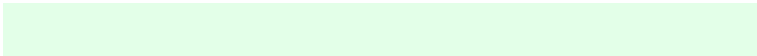
93, 50.460, 17.103

Sweetspot

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



93, 50.188, 147.147



98, 15.377, 149.327



97, 46.211, 114.801



52, 10.340, 149.227



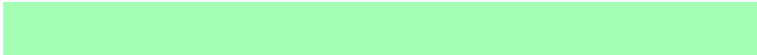
0, 0.000, 0.000



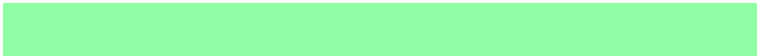
53, 0.007, 296.813

Same Dimension

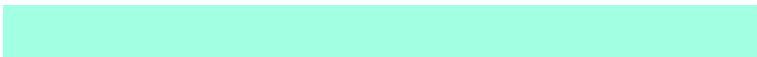
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 50.188, 147.147



92, 59.748, 146.366



94, 33.948, 171.125



52, 7.940, 149.437



68, 91.462, 138.229



23, 39.789, 140.606

Inverse Universe

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



78, 50.332, 332.346



75, 59.785, 332.837



77, 37.581, 359.025



50, 7.964, 330.591



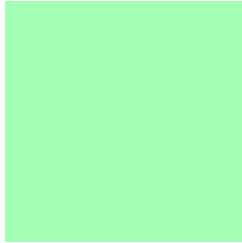
44, 80.546, 337.315



11, 37.688, 336.022

Previews

White Background



This preview shows how the CIE LCh color 93, 50.460, 147.103 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, 50.460, 147.103 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

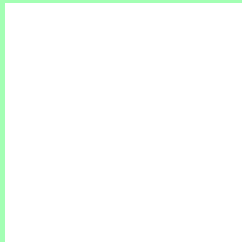
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 50.460, 147.103

Background



This preview shows how black text looks on a background with the CIELCh color 93, 50.460, 147.103.

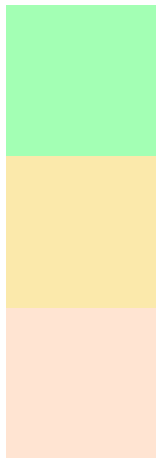


This preview shows how white text looks on a background with the CIELCh color 93, 50.460, 147.103.

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

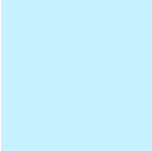
93, 50.460, 147.103

Protanopia

92, 32.524, 95.006

Deuteranopia

92, 13.750, 62.055

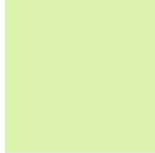


Tritanopia
93, 15.630, 226.334

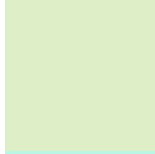
Trichromacy



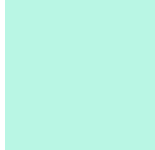
Original Color
93, 50.460, 147.103



Protanomaly
92, 35.159, 121.306



Deuteranomaly
92, 20.914, 125.067

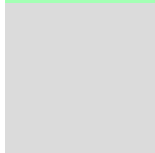


Tritanomaly
92, 22.881, 173.894

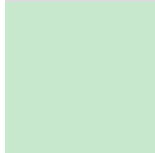
Monochromacy



Original Color
93, 50.460, 147.103



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 18.496, 148.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 50.460, 147.103 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(163, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(163, 255, 180)  
}
```

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(163, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 255, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 50.460, 147.103 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(163, 255, 180) }
```

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

```
.border{ border-color:rgb(163, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(163, 255,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 50.460, 147.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 255, 180) }
```

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

```
.background{ background-color: rgb(163,  
255, 180) }
```

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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