

Converting Colors

CIELCh(93, 53.617, 137.199)

Have a look what the booklet for
CIELCh(93, 53.617, 137.199)
contains.

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Color

CIELCh(93, 53.617, 137.188)

Conversions

Conversions Part 1

Format	Color
Hex	B4FEA3
RGB	180, 254, 163
RGB Percent	71%, 100%, 64%
CMY	0.2954, 0.0052, 0.3620
CMYK	0.29, 0.00, 0.36, 0.01
HSL	109°, 97%, 82%
HSV	109°, 36%, 99%
XYZ	60.6642, 82.9670, 47.3205
YIQ	221.5000, -14.8930, -43.9890

Conversions

Conversions Part 2

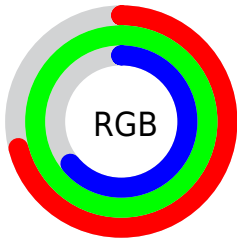
Format	Color
RYB	163, 254, 237
Decimal	11861667
CIELab	93.00, -39.33, 36.44
CIELCh	93, 53.617, 137.188
Yxy	82.9670, 0.3177, 0.4345
Android (android.graphics.Color)	4290051747 (0xFFB4FEA3)
YUV	221.5000, -28.8405, -36.3955
Hunter-Lab	91.0862, -40.5185, 32.9584

Details

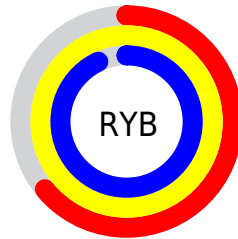
The CIELCh color **93, 53.617, 137.188** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **77, 54.403, 320.814**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 19.313, 127.445**, and **73, 53.695, 137.023** is the 20% darker color. If you saturate the color by 10%, you get **92, 67.999, 136.489**, and if you desaturate by 10%, it is **95, 38.776, 137.842**.

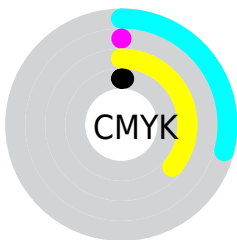
Distribution



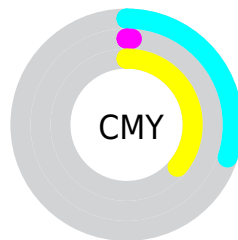
- Red (71%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (36%)
- Black (1%)





- Cyan (30%)
- Magenta (1%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 53.617, 137.188 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, 53.617, 137.188 by changing the saturation by 10% instead.


 93, 53.617,
137.188


 93, 53.617,
137.188


 100, 53.617,
137.188


 83, 53.617,
137.188

 73, 53.617,
137.188

 63, 53.617,
137.188

 53, 53.617,
137.188

 43, 53.617,
137.188

 33, 53.617,
137.188

 23, 53.617,

137.188

■ 13, 53.617,
137.188

■ 3, 53.617, 137.188

■ 93, 53.617,
137.188

■ 93, 53.617,
137.188

■ 92, 67.999,
136.489

■ 95, 38.776,
137.842

■ 90, 81.546,
135.783

■ 96, 23.747,
138.433

■ 89, 93.764,
135.145

■ 98, 8.730, 138.967

100, 0.836,

■ 89, 104.038,
134.689

324.101

■ 88, 111.715,
134.550

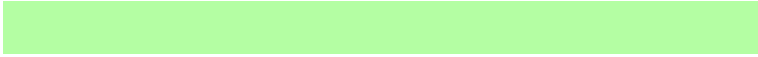
■ 88, 116.382,
134.814

■ 88, 117.630,
134.974

Harmonies

Complementary

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



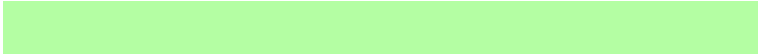
93, 53.617, 137.188



77, 54.403, 320.814

Rectangle

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



93, 53.617, 137.188



93, 53.617, 187.188



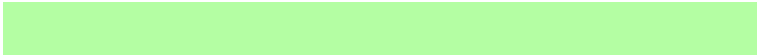
93, 53.617, 317.188



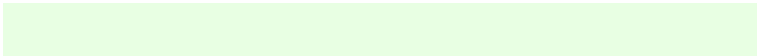
93, 53.617, 7.188

Sweetspot

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



93, 53.619, 137.189



98, 16.499, 138.697



93, 37.785, 96.139



52, 11.094, 138.625



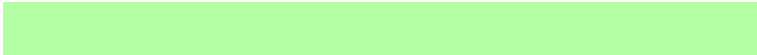
0, 0.000, 0.000



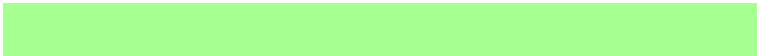
53, 0.007, 296.813

Same Dimension

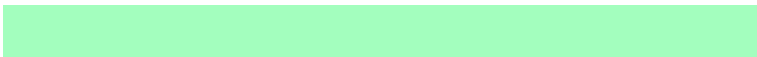
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 53.619, 137.189



92, 64.217, 136.691



93, 45.801, 151.208



52, 8.521, 138.776



68, 94.937, 134.827



23, 42.358, 134.175

Inverse Universe

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



77, 54.403, 320.814



73, 65.276, 321.103



78, 46.322, 336.966



50, 8.566, 319.618



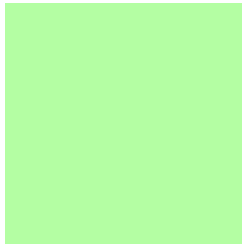
39, 94.682, 321.159



10, 43.426, 321.965

Previews

White Background



This preview shows how the CIE LCh color 93, 53.617, 137.188 looks on a white background.

Color Contrast Check

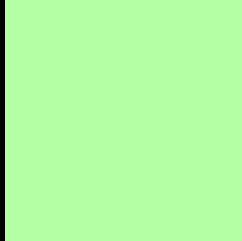
Large Text (above 18pt) WCAG AA × Fail

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, 53.617, 137.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

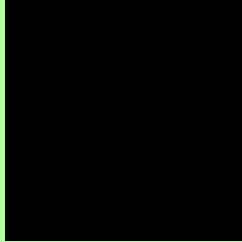
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

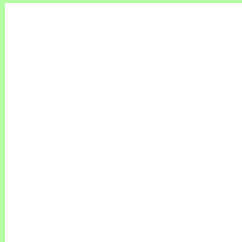
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 53.617, 137.188

Background



This preview shows how black text looks on a background with the CIELCh color 93, 53.617, 137.188.

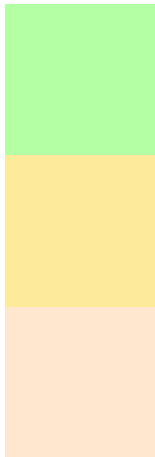


This preview shows how white text looks on a background with the CIELCh color 93, 53.617, 137.188.

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, 53.617, 137.188

Protanopia
93, 41.017, 95.623

Deuteranopia
93, 15.148, 70.823

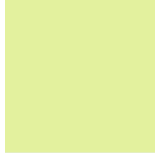


Tritanopia
93, 13.472, 234.073

Trichromacy



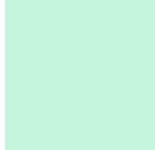
Original Color
93, 53.617, 137.188



Protanomaly
92, 42.337, 114.279



Deuteranomaly
93, 24.915, 117.802

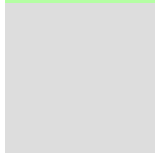


Tritanomaly
93, 21.267, 162.433

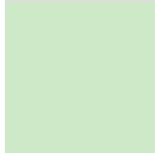
Monochromacy



Original Color
93, 53.617, 137.188



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 19.804, 138.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 53.617, 137.188 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(180, 254, 163)` looks like.

```
.text, #text, p{  
    color:rgb(180, 254, 163)  
}
```

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(180, 254, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 254, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 53.617, 137.188 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(180, 254, 163) }
```

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

```
.border{ border-color:rgb(180, 254, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 254, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 254, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 254, 163);  
box-shadow:4px 4px 4px 4px rgb(180, 254,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 53.617, 137.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 254, 163) }
```

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

```
.background{ background-color: rgb(180,  
254, 163) }
```

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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