

Converting Colors

CIELCh(93, 51.944, 142.587)

Have a look what the booklet for
CIELCh(93, 51.944, 142.587)
contains.

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Color

CIELCh(93, 52.112, 142.359)

Conversions

Conversions Part 1

Format	Color
Hex	ABFFAC
RGB	171, 255, 172
RGB Percent	67%, 100%, 67%
CMY	0.3303, 0.0009, 0.3264
CMYK	0.33, 0.00, 0.33, 0.00
HSL	121°, 99%, 83%
HSV	121°, 33%, 100%
XYZ	59.8510, 82.9670, 51.7757
YIQ	220.4220, -23.4210, -43.6210

Conversions

Conversions Part 2

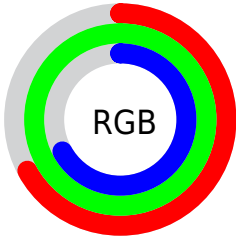
Format	Color
RYB	171, 254, 255
Decimal	11272108
CIELab	93.00, -41.27, 31.83
CIELCh	93, 52.112, 142.359
Yxy	82.9670, 0.3076, 0.4264
Android (android.graphics.Color)	4289462188 (0xFFABFFAC)
YUV	220.4220, -23.8720, -43.3431
Hunter-Lab	91.0862, -42.1121, 30.0585

Details

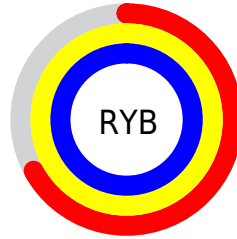
The CIELCh color **93, 52.112, 142.359** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **80, 52.081, 326.571**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.854, 143.824**, and **73, 52.146, 142.234** is the 20% darker color. If you saturate the color by 10%, you get **91, 67.309, 141.363**, and if you desaturate by 10%, it is **95, 36.396, 143.229**.

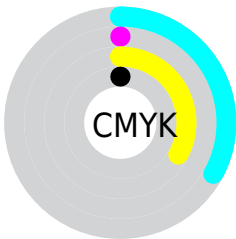
Distribution



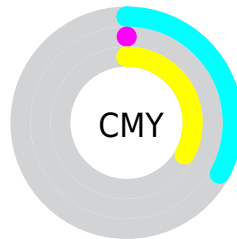
- Red (67%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 52.112, 142.359 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, 52.112, 142.359 by changing the saturation by 10% instead.


 93, 52.112,
142.359


 93, 52.112,
142.359


 100, 52.112,
142.359


 83, 52.112,
142.359

 73, 52.112,
142.359

 63, 52.112,
142.359


 53, 52.112,
142.359

 43, 52.112,
142.359


 33, 52.112,
142.359


 23, 52.112,


142.359


 13, 52.112,
142.359


 3, 52.112, 142.359


 93, 52.112,
142.359

 93, 52.112,
142.359

 91, 67.309,
141.363


 95, 36.396,
143.229

 90, 81.556,
140.255

 97, 20.492,
143.979

 89, 94.331,
139.084

 99, 4.653, 144.661

 88, 105.030,
137.943

100, 0.157,
322.478

■ 88, 113.022,
136.971

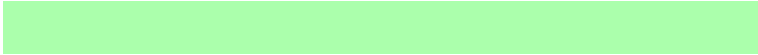
■ 88, 117.852,
136.314

■ 88, 119.503,
136.081

Harmonies

Complementary

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



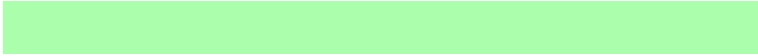
93, 52.112, 142.359



80, 52.081, 326.571

Rectangle

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



93, 52.112, 142.359



93, 52.112, 192.359



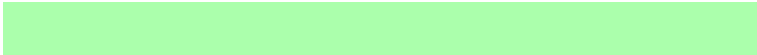
93, 52.112, 322.359



93, 52.112, 12.359

Sweetspot

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



93, 52.114, 142.359



98, 15.782, 144.182



98, 42.052, 106.964



52, 10.777, 144.087



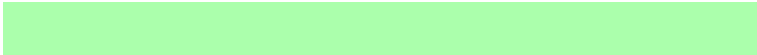
0, 0.000, 0.000



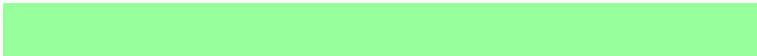
53, 0.007, 296.813

Same Dimension

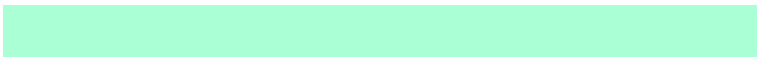
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 52.114, 142.359



92, 62.921, 141.672



94, 36.148, 160.493



52, 8.970, 144.215



68, 96.255, 136.110



22, 43.560, 137.000

Inverse Universe

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



80, 52.081, 326.571



77, 62.783, 326.934



79, 37.647, 346.819



50, 8.983, 325.269



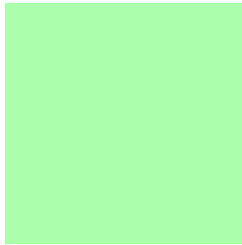
45, 92.210, 328.716



12, 42.469, 328.657

Previews

White Background



This preview shows how the CIE LCh color 93, 52.112, 142.359 looks on a white background.

Color Contrast Check

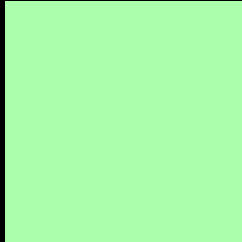
Large Text (above 18pt) WCAG AA × Fail

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, 52.112, 142.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

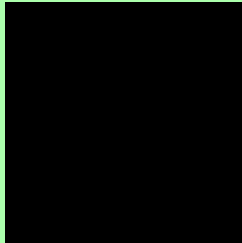
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 52.112, 142.359

Background



This preview shows how black text looks on a background with the CIELCh color 93, 52.112, 142.359.

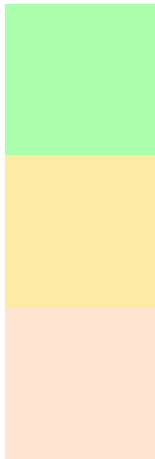


This preview shows how white text looks on a background with the CIELCh color 93, 52.112, 142.359.

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

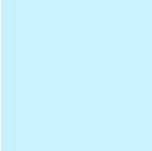
93, 52.112, 142.359

Protanopia

93, 37.020, 95.457

Deuteranopia

93, 14.213, 65.993

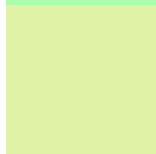


Tritanopia
93, 14.545, 228.653

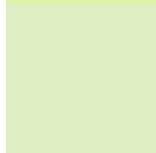
Trichromacy



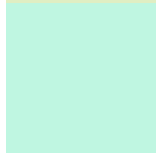
Original Color
93, 52.112, 142.359



Protanomaly
93, 39.242, 117.919



Deuteranomaly
92, 22.683, 121.755

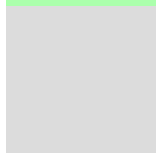


Tritanomaly
93, 21.986, 168.421

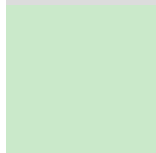
Monochromacy



Original Color
93, 52.112, 142.359



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 19.714, 143.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 52.112, 142.359 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(171, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 172)  
}
```

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(171, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 52.112, 142.359 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(171, 255, 172) }
```

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

```
.border{ border-color:rgb(171, 255, 172) }
```

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

Here you see how a box with a 4 pixel rgb(171, 255, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(171, 255,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 52.112, 142.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 255, 172) }
```

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

```
.background{ background-color: rgb(171,  
255, 172) }
```

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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