

Converting Colors

CIELCh(93, 52.228, 141.470)

Have a look what the booklet for
CIELCh(93, 52.228, 141.470)
contains.

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Color

CIElCh(93, 52.749, 141.473)

Conversions

Conversions Part 1

Format	Color
Hex	ACFFAA
RGB	172, 255, 170
RGB Percent	67%, 100%, 67%
CMY	0.3266, 0.0011, 0.3344
CMYK	0.33, 0.00, 0.33, 0.00
HSL	119°, 99%, 83%
HSV	119°, 33%, 100%
XYZ	59.8504, 82.9670, 50.7565
YIQ	220.4930, -22.1830, -44.0310

Conversions

Conversions Part 2

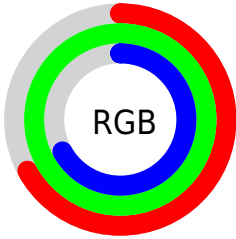
Format	Color
RYB	170, 255, 253
Decimal	11337642
CIELab	93.00, -41.27, 32.86
CIELCh	93, 52.749, 141.473
Yxy	82.9670, 0.3092, 0.4286
Android (android.graphics.Color)	4289527722 (0xFFACFFAA)
YUV	220.4930, -24.8930, -42.5284
Hunter-Lab	91.0862, -42.1132, 30.7219

Details

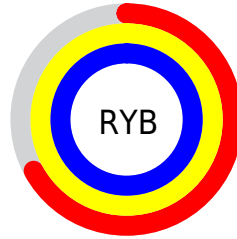
The CIELCh color **93, 52.749, 141.473** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **80, 52.790, 325.581**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.513, 141.033**, and **73, 52.803, 141.332** is the 20% darker color. If you saturate the color by 10%, you get **91, 67.946, 140.522**, and if you desaturate by 10%, it is **95, 37.032, 142.311**.

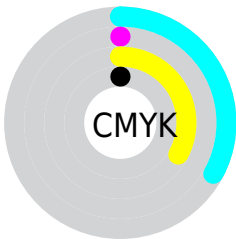
Distribution



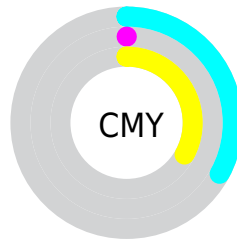
- Red (67%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (99%)



- 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, 52.749, 141.473 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, 52.749, 141.473 by changing the saturation by 10% instead.


 93, 52.749,
141.473


 93, 52.749,
141.473


 100, 52.749,
141.473


 83, 52.749,
141.473

 73, 52.749,
141.473

 63, 52.749,
141.473

 53, 52.749,
141.473

 43, 52.749,
141.473

 33, 52.749,
141.473

 23, 52.749,

141.473

■ 13, 52.749,
141.473

■ 3, 52.749, 141.473

■ 93, 52.749,
141.473

■ 93, 52.749,
141.473

■ 91, 67.946,
140.522

■ 95, 37.032,
142.311

■ 90, 82.188,
139.478

■ 97, 21.124,
143.036

■ 89, 94.943,
138.397

■ 99, 5.275, 143.692

■ 89, 105.577,
137.381

100, 0.186,
322.786

■ 88, 113.434,
136.574

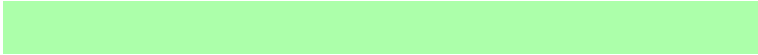
■ 88, 118.061,
136.107

■ 88, 119.570,
135.951

Harmonies

Complementary

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



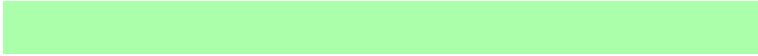
93, 52.749, 141.473



80, 52.790, 325.581

Rectangle

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



93, 52.749, 141.473



93, 52.749, 191.473



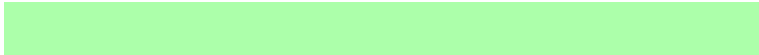
93, 52.749, 321.473



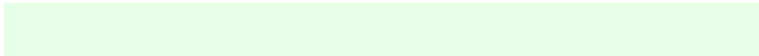
93, 52.749, 11.473

Sweetspot

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



93, 52.751, 141.473



98, 15.790, 143.258



97, 41.243, 105.461



52, 10.782, 143.167



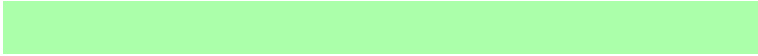
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

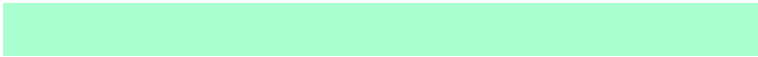
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 52.751, 141.473



92, 62.974, 140.854



94, 37.548, 158.759



52, 8.974, 143.290



68, 96.351, 135.923



22, 43.631, 136.454

Inverse Universe

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



80, 52.790, 325.581



77, 62.952, 325.907



79, 38.858, 344.981



50, 8.991, 324.308



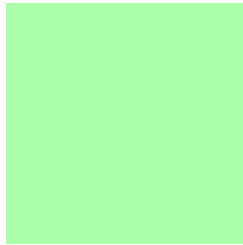
45, 93.180, 327.307



12, 42.861, 327.418

Previews

White Background



This preview shows how the CIE LCh color 93, 52.749, 141.473 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, 52.749, 141.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

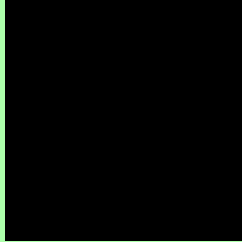
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 52.749, 141.473

Background



This preview shows how black text looks on a background with the CIELCh color 93, 52.749, 141.473.

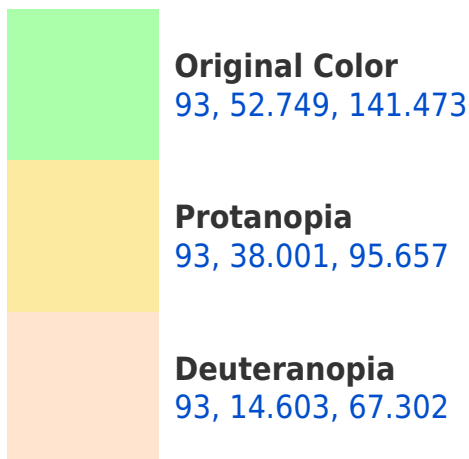


This preview shows how white text looks on a background with the CIELCh color 93, 52.749, 141.473.

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



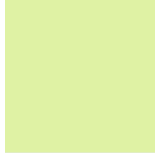


Tritanopia
93, 14.276, 229.291

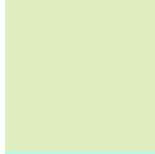
Trichromacy



Original Color
93, 52.749, 141.473



Protanomaly
93, 40.212, 117.601



Deuteranomaly
92, 23.091, 120.552

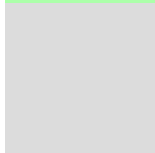


Tritanomaly
93, 22.000, 166.900

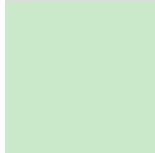
Monochromacy



Original Color
93, 52.749, 141.473



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, 52.749, 141.473 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(172, 255, 170)` looks like.

```
.text, #text, p{  
    color:rgb(172, 255, 170)  
}
```

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(172, 255, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 52.749, 141.473 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(172, 255, 170) }
```

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

```
.border{ border-color:rgb(172, 255, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 255, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 170);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 52.749, 141.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 255, 170) }
```

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

```
.background{ background-color: rgb(172,  
255, 170) }
```

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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