

Converting Colors

CIELCh(93, 51.454, 142.113)

Have a look what the booklet for
CIELCh(93, 51.454, 142.113)
contains.

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Color

CIElCh(93, 51.334, 142.111)

Conversions

Conversions Part 1

Format	Color
Hex	ACFEAC
RGB	172, 254, 172
RGB Percent	67%, 100%, 67%
CMY	0.3239, 0.0022, 0.3239
CMYK	0.32, 0.00, 0.32, 0.00
HSL	120°, 99%, 84%
HSV	120°, 32%, 100%
XYZ	60.1666, 82.9670, 52.0742
YIQ	220.1340, -22.5500, -42.8860

Conversions

Conversions Part 2

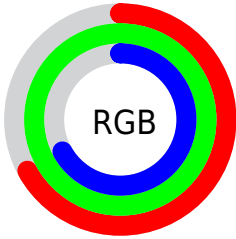
Format	Color
RYB	172, 254, 254
Decimal	11337388
CIELab	93.00, -40.51, 31.53
CIElCh	93, 51.334, 142.111
Yxy	82.9670, 0.3082, 0.4250
Android (android.graphics.Color)	4289527468 (0xFFACFEAC)
YUV	220.1340, -23.7301, -42.2135
Hunter-Lab	91.0862, -41.4935, 29.8641

Details

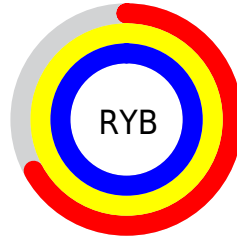
The CIELCh color **93, 51.334, 142.111** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **81, 51.308, 326.194**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 16.651, 142.864**, and **73, 51.361, 142.011** is the 20% darker color. If you saturate the color by 10%, you get **91, 66.678, 141.130**, and if you desaturate by 10%, it is **95, 35.487, 142.969**.

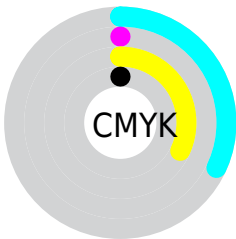
Distribution



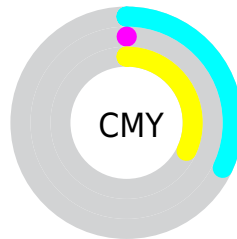
- Red (67%)
- Green (100%)
- Blue (67%)



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



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 51.334, 142.111 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, 51.334, 142.111 by changing the saturation by 10% instead.


 93, 51.334,
142.111


 93, 51.334,
142.111


 100, 51.334,
142.111


 83, 51.334,
142.111

 73, 51.334,
142.111

 63, 51.334,
142.111

 53, 51.334,
142.111

 43, 51.334,
142.111

 33, 51.334,
142.111

 23, 51.334,

142.111

■ 13, 51.334,
142.111

■ 3, 51.334, 142.111

■ 93, 51.334,
142.111

■ 93, 51.334,
142.111

■ 91, 66.678,
141.130

■ 95, 35.487,
142.969

■ 90, 81.081,
140.040

■ 97, 19.468,
143.708

■ 89, 94.012,
138.891

■ 99, 3.531, 144.400

■ 88, 104.846,
137.781

100, 0.362,
323.598

■ 88, 112.926,
136.851

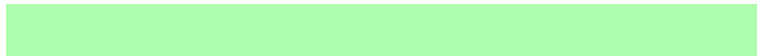
■ 88, 117.779,
136.248

■ 88, 119.576,
136.016

Harmonies

Complementary

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



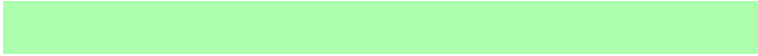
93, 51.334, 142.111



81, 51.308, 326.194

Rectangle

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



93, 51.334, 142.111



93, 51.334, 192.111



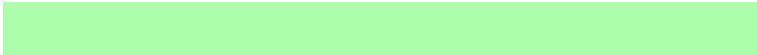
93, 51.334, 322.111



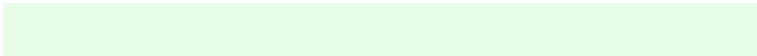
93, 51.334, 12.111

Sweetspot

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



93, 51.336, 142.111



98, 15.911, 143.860



98, 40.475, 106.316



52, 10.865, 143.765



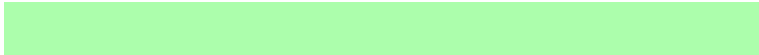
0, 0.000, 0.000



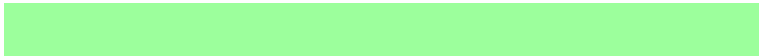
53, 0.007, 296.813

Same Dimension

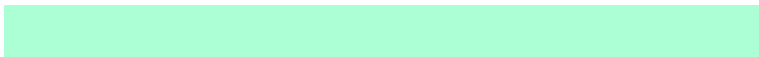
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 51.336, 142.111



92, 61.897, 141.461



94, 35.809, 159.722



52, 9.043, 143.893



68, 96.474, 136.015



22, 43.824, 136.775

Inverse Universe

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



81, 51.308, 326.194



77, 61.781, 326.540



79, 37.139, 345.785



50, 9.056, 324.943



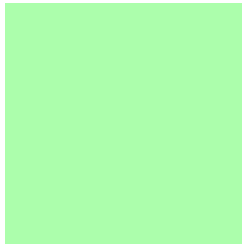
45, 93.083, 328.227



12, 42.823, 328.227

Previews

White Background



This preview shows how the CIE LCh color 93, 51.334, 142.111 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, 51.334, 142.111 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, 51.334, 142.111

Background



This preview shows how black text looks on a background with the CIELCh color 93, 51.334, 142.111.

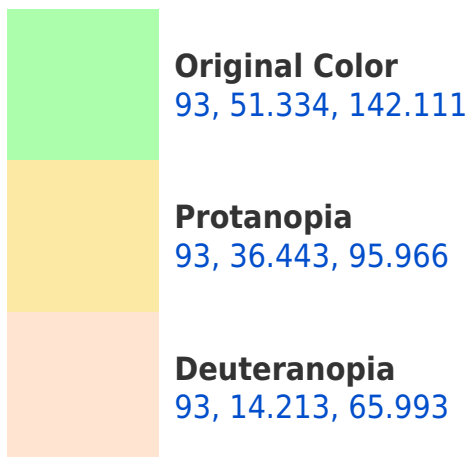


This preview shows how white text looks on a background with the CIELCh color 93, 51.334, 142.111.

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



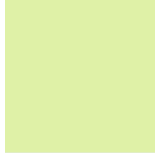


Tritanopia
93, 14.276, 229.291

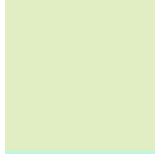
Trichromacy



Original Color
93, 51.334, 142.111



Protanomaly
92, 38.219, 117.684



Deuteranomaly
92, 22.097, 121.154

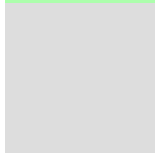


Tritanomaly
93, 21.705, 168.027

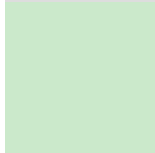
Monochromacy



Original Color
93, 51.334, 142.111



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 19.074, 143.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 51.334, 142.111 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, 254, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 254, 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(172, 254, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 254, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 51.334, 142.111 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, 254, 172) }
```

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

```
.border{ border-color:rgb(172, 254, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 254, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 254, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 254, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 254,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 51.334, 142.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 254, 172) }
```

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

```
.background{ background-color: rgb(172,  
254, 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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