

Converting Colors

CIELCh(93, 47.591, 142.327)

Have a look what the booklet for
CIELCh(93, 47.591, 142.327)
contains.

CIELCh(93, 47.661, 142.315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 47.661, 142.315)

Conversions

Conversions Part 1

Format	Color
Hex	B1FDB1
RGB	177, 253, 177
RGB Percent	69%, 99%, 69%
CMY	0.3049, 0.0068, 0.3050
CMYK	0.30, 0.00, 0.30, 0.01
HSL	120°, 96%, 84%
HSV	120°, 30%, 99%
XYZ	61.3493, 82.9670, 54.4979
YIQ	221.6120, -20.9000, -39.7480

Conversions

Conversions Part 2

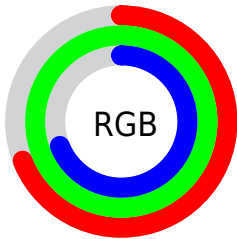
Format	Color
RYB	177, 253, 253
Decimal	11664817
CIELab	93.00, -37.72, 29.14
CIELCh	93, 47.661, 142.315
Yxy	82.9670, 0.3086, 0.4173
Android (android.graphics.Color)	4289854897 (0xFFB1FDB1)
YUV	221.6120, -21.9937, -39.1247
Hunter-Lab	91.0862, -39.1758, 28.2865

Details

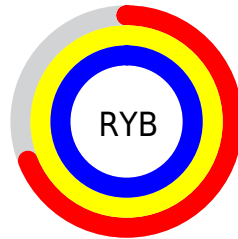
The CIELCh color **93, 47.661, 142.315** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **82, 47.652, 326.079**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 13.512, 142.766**, and **73, 47.614, 142.350** is the 20% darker color. If you saturate the color by 10%, you get **91, 63.094, 141.361**, and if you desaturate by 10%, it is **95, 31.810, 143.145**.

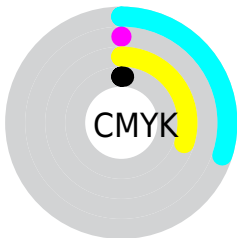
Distribution



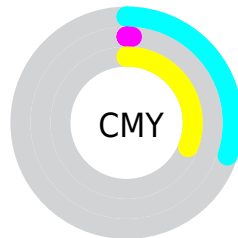
- Red (69%)
- Green (99%)
- Blue (69%)



- Red (69%)
- Yellow (99%)
- Blue (99%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (1%)





- Cyan (30%)
- Magenta (1%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 47.661, 142.315 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, 47.661, 142.315 by changing the saturation by 10% instead.


 93, 47.661,
142.315


 93, 47.661,
142.315


 100, 47.661,
142.315


 83, 47.661,
142.315

 73, 47.661,
142.315

 63, 47.661,
142.315


 53, 47.661,
142.315

 43, 47.661,
142.315


 33, 47.661,
142.315


 23, 47.661,


142.315


 13, 47.661,
142.315


 3, 47.661, 142.315


 93, 47.661,
142.315


 93, 47.661,
142.315


 91, 63.094,
141.361


 95, 31.810,
143.145

 90, 77.695,
140.293

 97, 15.850,
143.861

 89, 90.957,
139.151

 99, 0.017, 163.165

 88, 102.275,
138.020

100, 1.092,
324.197

■ 88, 110.993,
137.037

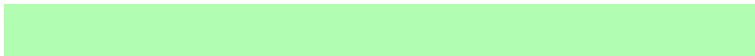
■ 87, 116.568,
136.350

■ 87, 119.156,
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.



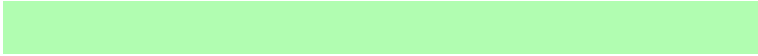
93, 47.661, 142.315



82, 47.652, 326.079

Rectangle

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



93, 47.661, 142.315



93, 47.661, 192.315



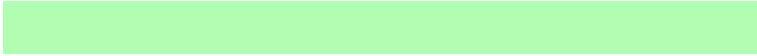
93, 47.661, 322.315



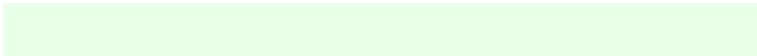
93, 47.661, 12.315

Sweetspot

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



93, 47.663, 142.315



98, 14.310, 143.928



98, 37.601, 106.536



52, 9.954, 143.831



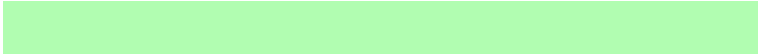
0, 0.000, 0.000



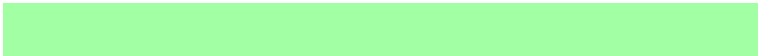
53, 0.007, 296.813

Same Dimension

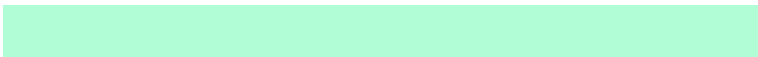
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 47.663, 142.315



93, 57.288, 141.758



94, 33.277, 159.973



52, 9.043, 143.895



68, 96.474, 136.016



22, 43.825, 136.776

Inverse Universe

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



82, 47.652, 326.079



79, 57.219, 326.391



80, 34.435, 345.536



50, 9.057, 324.945



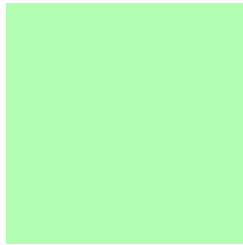
45, 93.083, 328.230



12, 42.823, 328.230

Previews

White Background



This preview shows how the CIE LCh color 93, 47.661, 142.315 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, 47.661, 142.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

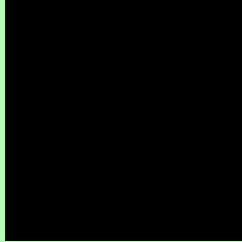
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

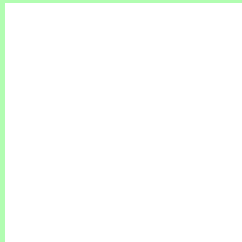
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 47.661, 142.315

Background



This preview shows how black text looks on a background with the CIELCh color 93, 47.661, 142.315.

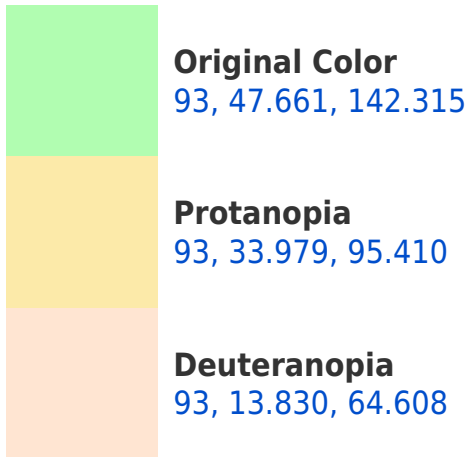


This preview shows how white text looks on a background with the CIELCh color 93, 47.661, 142.315.

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



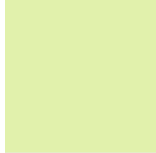


Tritanopia
93, 13.991, 232.561

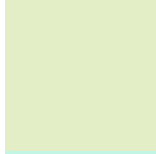
Trichromacy



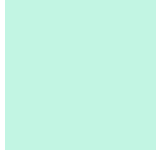
Original Color
93, 47.661, 142.315



Protanomaly
93, 35.626, 117.347

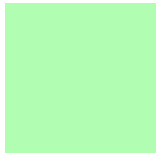


Deuteranomaly
92, 20.933, 119.847

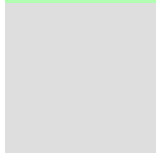


Tritanomaly
93, 20.019, 170.421

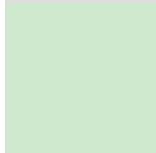
Monochromacy



Original Color
93, 47.661, 142.315



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 17.154, 143.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 47.661, 142.315 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(177, 253, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 253, 177)  
}
```

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(177, 253, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 253, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 47.661, 142.315 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(177, 253, 177) }
```

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

```
.border{ border-color:rgb(177, 253, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 253, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 253, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 253, 177); box-shadow:4px 4px 4px 4px rgb(177, 253, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 47.661, 142.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 253, 177) }
```

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

```
.background{ background-color: rgb(177,  
253, 177) }
```

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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