

Converting Colors

CIELCh(92, 93.589, 124.582)

Have a look what the booklet for
CIELCh(92, 93.589, 124.582)
contains.

CIELCh(92, 93.170, 124.466)	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(92, 93.170, 124.466)

Conversions

Conversions Part 1

Format	Color
Hex	AAFF41
RGB	170, 255, 65
RGB Percent	67%, 100%, 25%
CMY	0.3320, 0.0000, 0.7436
CMYK	0.33, 0.00, 0.74, 0.00
HSL	87°, 100%, 63%
HSV	87°, 74%, 100%
XYZ	53.4833, 80.7044, 17.8166
YIQ	207.9250, 10.3300, -77.1100

Conversions

Conversions Part 2

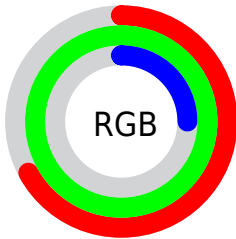
Format	Color
RYB	65, 255, 150
Decimal	11206465
CIELab	92.00, -52.73, 76.82
CIELCh	92, 93.170, 124.466
Yxy	80.7044, 0.3519, 0.5309
Android (android.graphics.Color)	4289396545 (0xFFAAFF41)
YUV	207.9250, -70.4620, -33.2602
Hunter-Lab	89.8356, -50.9431, 51.1263

Details

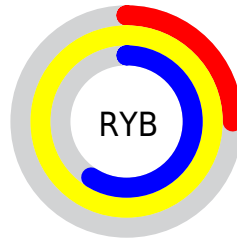
The CIELCh color **92, 93.170, 124.466** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **49, 106.296, 311.162**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 64.388, 114.241**, and **72, 88.454, 125.974** is the 20% darker color. If you saturate the color by 10%, you get **91, 100.618, 124.861**, and if you desaturate by 10%, it is **93, 83.238, 124.396**.

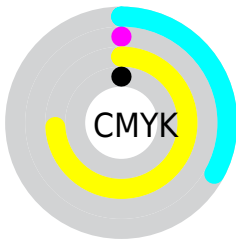
Distribution



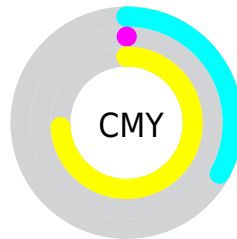
- Red (67%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (59%)



- Cyan (33%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 93.170, 124.466 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 92, 93.170, 124.466 by changing the saturation by 10% instead.


 92, 93.170,
124.466


 92, 93.170,
124.466


 100, 93.170,
124.466


 82, 93.170,
124.466

 72, 93.170,
124.466

 62, 93.170,
124.466

 52, 93.170,
124.466

 42, 93.170,
124.466

 32, 93.170,
124.466

 22, 93.170,

124.466

■ 12, 93.170,
124.466

■ 2, 93.170, 124.466

■ 92, 93.170,
124.466

■ 92, 93.170,
124.466

■ 91, 100.618,
124.861

■ 93, 83.238,
124.396

■ 91, 105.623,
125.792

■ 94, 71.890,
124.630

■ 90, 107.507,
126.488

■ 94, 59.507,
125.022

■ 96, 46.486,
125.494

■ 97, 33.099,
125.997

■ 98, 19.533,
126.501

■ 99, 5.918, 126.996

100, 0.012,
296.813

Harmonies

Complementary

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



92, 93.170, 124.466



49, 106.296, 311.162

Rectangle

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



92, 93.170, 124.466



92, 93.170, 174.466



92, 93.170, 304.466



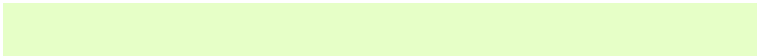
92, 93.170, 354.466

Sweetspot

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



92, 93.015, 124.429



97, 29.907, 126.117



71, 68.118, 59.706



51, 20.083, 125.980



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 93.015, 124.429



91, 103.272, 125.228



89, 105.764, 136.723



53, 7.729, 126.741



70, 86.368, 126.201



24, 38.493, 124.630

Inverse Universe

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



49, 106.296, 311.162



42, 120.636, 311.133



62, 104.415, 325.696



49, 7.849, 307.624



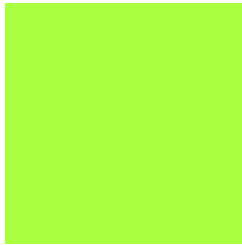
29, 101.690, 310.723



6, 44.921, 311.421

Previews

White Background



This preview shows how the CIELCh color 92, 93.170, 124.466 looks on a white background.

Color Contrast Check

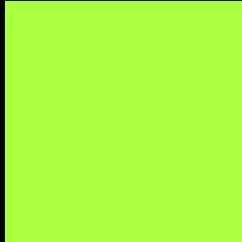
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 93.170, 124.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

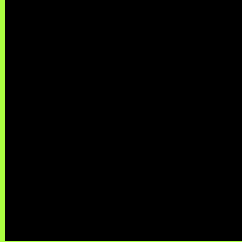
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 93.170, 124.466

Background



This preview shows how black text looks on a background with the CIELCh color 92, 93.170, 124.466.

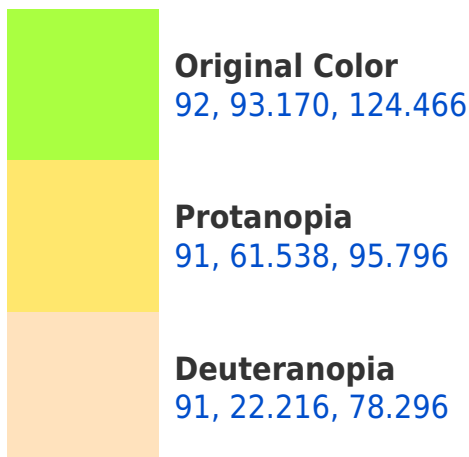


This preview shows how white text looks on a background with the CIELCh color 92, 93.170, 124.466.

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
92, 15.563, 235.727

Trichromacy



Original Color
92, 93.170, 124.466



Protanomaly
91, 71.309, 109.814

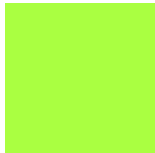


Deuteranomaly
91, 47.227, 112.675

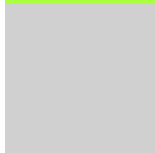


Tritanomaly
91, 36.256, 142.010

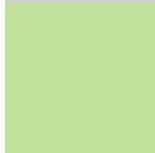
Monochromacy



Original Color
92, 93.170, 124.466



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 37.587, 125.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 93.170, 124.466 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(170, 255, 65)` looks like.

```
.text, #text, p{  
    color:rgb(170, 255, 65)  
}
```

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(170, 255, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 255, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 93.170, 124.466 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(170, 255, 65) }
```

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

```
.border{ border-color:rgb(170, 255, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 255, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 255, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 255, 65);  
box-shadow:4px 4px 4px 4px rgb(170, 255,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 93.170, 124.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 255, 65) }
```

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

```
.background{ background-color: rgb(170,  
255, 65) }
```

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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