

Converting Colors

CIELCh(94, 65.544, 145.037)

Have a look what the booklet for
CIELCh(94, 65.544, 145.037)
contains.

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Color

CIELCh(92, 61.295, 145.369)

Conversions

Conversions Part 1

Format	Color
Hex	92FFA3
RGB	146, 255, 163
RGB Percent	57%, 100%, 64%
CMY	0.4286, 0.0000, 0.3621
CMYK	0.43, 0.00, 0.36, 0.00
HSL	129°, 100%, 79%
HSV	129°, 43%, 100%
XYZ	54.3788, 80.7044, 47.2086
YIQ	211.9210, -35.4320, -51.7200

Conversions

Conversions Part 2

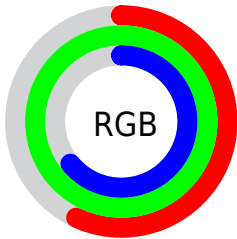
Format	Color
RYB	146, 240, 255
Decimal	9633699
CIELab	92.00, -50.44, 34.83
CIELCh	92, 61.295, 145.369
Yxy	80.7044, 0.2983, 0.4427
Android (android.graphics.Color)	4287823779 (0xFF92FFA3)
YUV	211.9210, -24.1181, -57.8127
Hunter-Lab	89.8356, -49.1637, 31.7281

Details

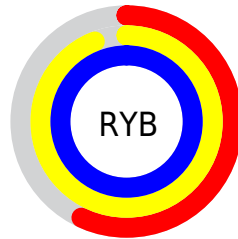
The CIELCh color **92, 61.295, 145.369** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 60.836, 331.702**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 25.886, 152.542**, and **72, 61.125, 145.358** is the 20% darker color. If you saturate the color by 10%, you get **91, 74.018, 144.205**, and if you desaturate by 10%, it is **93, 47.038, 146.481**.

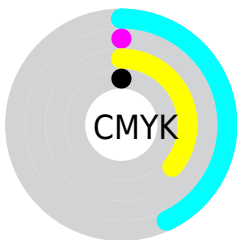
Distribution



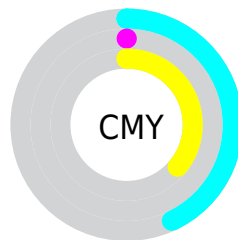
- Red (57%)
- Green (100%)
- Blue (64%)



- Red (57%)
- Yellow (94%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 61.295, 145.369 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, 61.295, 145.369 by changing the saturation by 10% instead.


 92, 61.295,
145.369


 92, 61.295,
145.369


 100, 61.295,
145.369


 82, 61.295,
145.369

 72, 61.295,
145.369

 62, 61.295,
145.369


 52, 61.295,
145.369

 42, 61.295,
145.369


 32, 61.295,
145.369


 22, 61.295,


145.369


 12, 61.295,
145.369


 2, 61.295, 145.369


 92, 61.295,
145.369


 92, 61.295,
145.369


 91, 74.018,
144.205


 93, 47.038,
146.481

 90, 86.085,
142.839

 95, 32.785,
147.397

 89, 96.719,
141.353

 97, 18.387,
148.187

 88, 105.557,
139.816

 99, 4.050, 148.926

100, 0.012,

■ 88,112.283,
138.340

296.813

■ 88,115.730,
137.436

Harmonies

Complementary

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



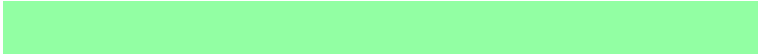
92, 61.295, 145.369



75, 60.836, 331.702

Rectangle

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



92, 61.295, 145.369



92, 61.295, 195.369



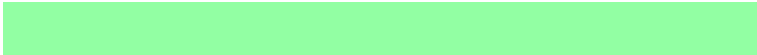
92, 61.295, 325.369



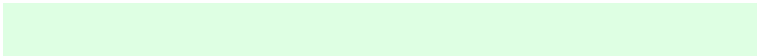
92, 61.295, 15.369

Sweetspot

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



92, 60.886, 145.421



97, 18.595, 148.177



97, 54.538, 112.861



51, 13.025, 148.011



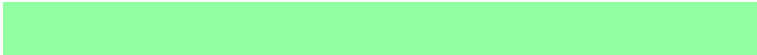
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 60.886, 145.421



91, 71.652, 144.442



93, 40.978, 168.019



52, 8.116, 148.430



68, 92.684, 137.674



23, 40.461, 139.898

Inverse Universe

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



75, 60.836, 331.702



71, 71.234, 332.235



73, 45.551, 357.829



50, 8.137, 329.561



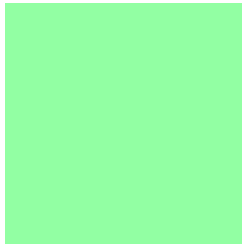
44, 82.431, 335.569



12, 38.472, 334.551

Previews

White Background



This preview shows how the CIE LCh color 92, 61.295, 145.369 looks on a white background.

Color Contrast Check

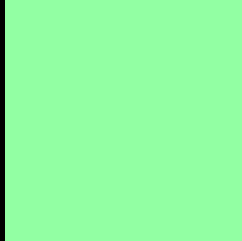
Large Text (above 18pt) WCAG AA × Fail

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 92, 61.295, 145.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

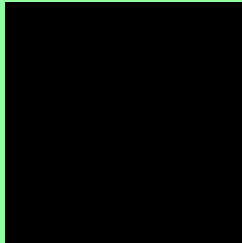
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

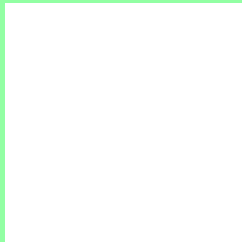
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 61.295, 145.369

Background



This preview shows how black text looks on a background with the CIELCh color 92, 61.295, 145.369.

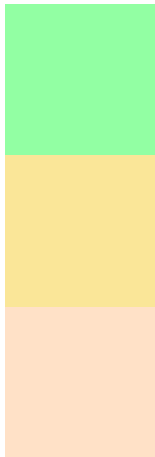


This preview shows how white text looks on a background with the CIELCh color 92, 61.295, 145.369.

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

92, 60.702, 145.458

Protanopia

91, 40.649, 95.465

Deuteranopia

91, 17.697, 68.827

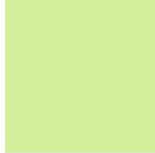


Tritanopia
92, 19.061, 222.593

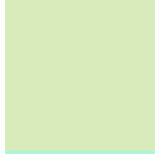
Trichromacy



Original Color
92, 60.702, 145.458



Protanomaly
91, 43.412, 120.797



Deuteranomaly
91, 26.894, 125.183

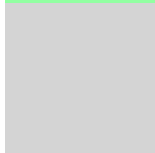


Tritanomaly
91, 28.109, 171.281

Monochromacy



Original Color
92, 60.702, 145.458



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 23.044, 147.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 61.295, 145.369 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(146, 255, 163)` looks like.

```
.text, #text, p{  
    color:rgb(146, 255, 163)  
}
```

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(146, 255, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 255, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 61.295, 145.369 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(146, 255, 163) }
```

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

```
.border{ border-color:rgb(146, 255, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 255, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(146, 255,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 61.295, 145.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 255, 163) }
```

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

```
.background{ background-color: rgb(146,  
255, 163) }
```

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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