

Converting Colors

CIELCh(92, 61.192, 140.770)

Have a look what the booklet for
CIELCh(92, 61.192, 140.770)
contains.

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Color

CIELCh(92, 61.101, 140.800)

Conversions

Conversions Part 1

Format	Color
Hex	9EFE9B
RGB	158, 254, 155
RGB Percent	62%, 100%, 61%
CMY	0.3795, 0.0030, 0.3913
CMYK	0.38, 0.00, 0.39, 0.00
HSL	118°, 99%, 80%
HSV	118°, 39%, 100%
XYZ	55.6005, 80.7044, 43.7557
YIQ	214.0100, -25.4370, -51.1410

Conversions

Conversions Part 2

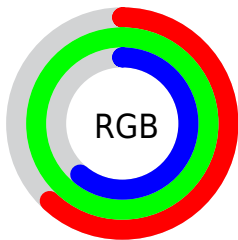
Format	Color
RYB	155, 254, 251
Decimal	10419867
CIELab	92.00, -47.35, 38.62
CIElCh	92, 61.101, 140.800
Yxy	80.7044, 0.3088, 0.4482
Android (android.graphics.Color)	4288609947 (0xFF9EFE9B)
YUV	214.0100, -29.0919, -49.1208
Hunter-Lab	89.8356, -46.7363, 34.0069

Details

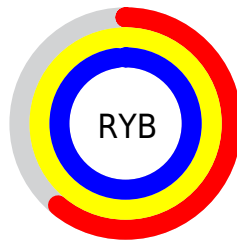
The CIELCh color **92, 61.101, 140.800** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **77, 61.127, 325.651**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 26.992, 139.834**, and **72, 61.551, 140.778** is the 20% darker color. If you saturate the color by 10%, you get **91, 75.786, 139.808**, and if you desaturate by 10%, it is **94, 45.680, 141.691**.

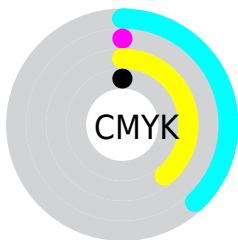
Distribution



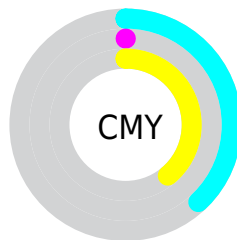
- Red (62%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)





- Cyan (38%)
- Magenta (0%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 61.101, 140.800 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, 61.101, 140.800 by changing the saturation by 10% instead.


 92, 61.101,
140.800


 92, 61.101,
140.800


 100, 61.101,
140.800


 82, 61.101,
140.800

 72, 61.101,
140.800

 62, 61.101,
140.800


 52, 61.101,
140.800

 42, 61.101,
140.800


 32, 61.101,
140.800


 22, 61.101,


140.800


 12, 61.101,
140.800


 2, 61.101, 140.800


 92, 61.101,
140.800


 92, 61.101,
140.800

 91, 75.786,
139.808


 94, 45.680,
141.691

 90, 89.247,
138.752

 96, 29.900,
142.469

 89, 100.897,
137.714

 98, 14.051,
143.144

 88, 110.072,
136.822

100, 0.477,
323.809

■ 88, 116.185,
136.221

■ 88, 119.157,
135.961

■ 88, 119.371,
135.932

Harmonies

Complementary

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



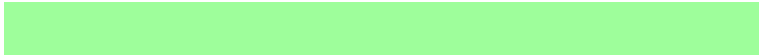
92, 61.101, 140.800



77, 61.127, 325.651

Rectangle

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



92, 61.101, 140.800



92, 61.101, 190.800



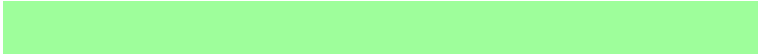
92, 61.101, 320.800



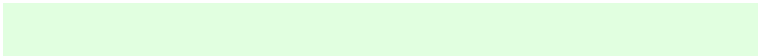
92, 61.101, 10.800

Sweetspot

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



92, 61.102, 140.800



97, 18.928, 142.947



97, 47.841, 104.907



52, 12.564, 142.860



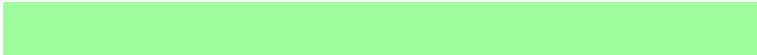
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

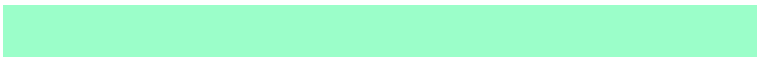
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 61.102, 140.800



91, 73.181, 140.007



93, 43.504, 158.096



52, 8.954, 143.108



68, 96.314, 135.895



22, 43.574, 136.357

Inverse Universe

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



77, 61.127, 325.651



73, 73.060, 326.019



76, 45.217, 345.629



50, 8.972, 324.117



44, 93.215, 327.033



12, 42.875, 327.177

Previews

White Background



This preview shows how the CIE LCh color 92, 61.101, 140.800 looks on a white background.

Color Contrast Check

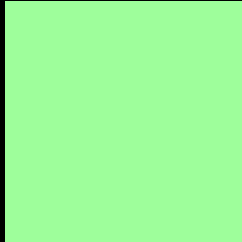
Large Text (above 18pt) WCAG AA × Fail

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, 61.101, 140.800 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, 61.101, 140.800

Background



This preview shows how black text looks on a background with the CIELCh color 92, 61.101, 140.800.

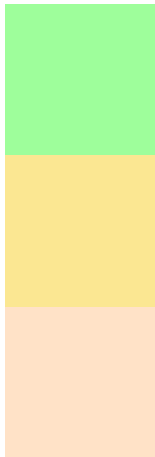


This preview shows how white text looks on a background with the CIELCh color 92, 61.101, 140.800.

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, 61.101, 140.800

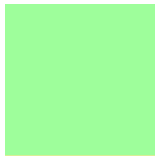
Protanopia
92, 44.021, 96.014

Deuteranopia
92, 17.842, 70.764

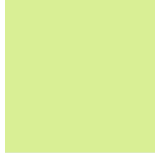


Tritanopia
92, 17.383, 227.164

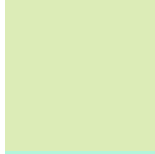
Trichromacy



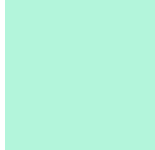
Original Color
92, 61.101, 140.800



Protanomaly
91, 46.303, 117.301



Deuteranomaly
91, 27.855, 120.570

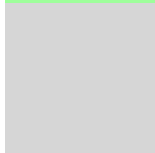


Tritanomaly
92, 26.515, 167.175

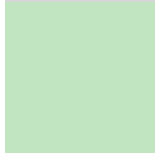
Monochromacy



Original Color
92, 61.101, 140.800



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 22.785, 142.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 61.101, 140.800 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(158, 254, 155)` looks like.

```
.text, #text, p{  
    color:rgb(158, 254, 155)  
}
```

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(158, 254, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 254, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 61.101, 140.800 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(158, 254, 155) }
```

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

```
.border{ border-color:rgb(158, 254, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 254, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 254, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 254, 155);  
box-shadow:4px 4px 4px 4px rgb(158, 254,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 61.101, 140.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 254, 155) }
```

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

```
.background{ background-color: rgb(158,  
254, 155) }
```

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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