

Converting Colors

CIELCh(92, 61.661, 146.408)

Have a look what the booklet for
CIELCh(92, 61.661, 146.408)
contains.

CIELCh(92, 61.071, 146.510)	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, 61.071, 146.510)

Conversions

Conversions Part 1

Format	Color
Hex	8FFFA5
RGB	143, 255, 165
RGB Percent	56%, 100%, 65%
CMY	0.4393, 0.0000, 0.3533
CMYK	0.44, 0.00, 0.35, 0.00
HSL	132°, 100%, 78%
HSV	132°, 44%, 100%
XYZ	54.1838, 80.7044, 48.2783
YIQ	211.2520, -37.8620, -51.7340

Conversions

Conversions Part 2

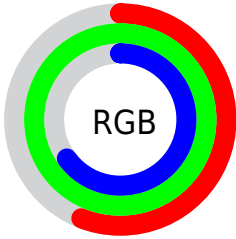
Format	Color
RYB	143, 237, 255
Decimal	9437093
CIELab	92.00, -50.93, 33.70
CIElCh	92, 61.071, 146.510
Yxy	80.7044, 0.2958, 0.4406
Android (android.graphics.Color)	4287627173 (0xFF8FFFA5)
YUV	211.2520, -22.8022, -59.8570
Hunter-Lab	89.8356, -49.5512, 31.0221

Details

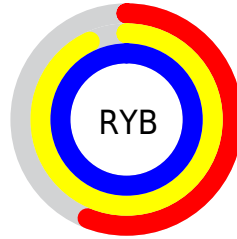
The CIELCh color **92, 61.071, 146.510** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 60.566, 333.297**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 25.869, 155.570**, and **72, 60.271, 146.545** is the 20% darker color. If you saturate the color by 10%, you get **90, 73.197, 145.333**, and if you desaturate by 10%, it is **93, 47.131, 147.690**.

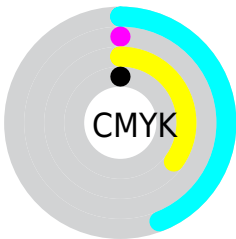
Distribution



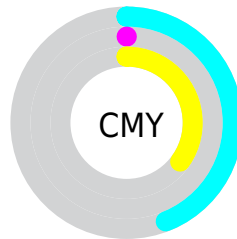
- Red (56%)
- Green (100%)
- Blue (65%)



- Red (56%)
- Yellow (93%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 61.071, 146.510 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, 61.071, 146.510 by changing the saturation by 10% instead.


 92, 61.071,
146.510


 92, 61.071,
146.510


 100, 61.071,
146.510


 82, 61.071,
146.510

 72, 61.071,
146.510

 62, 61.071,
146.510


 52, 61.071,
146.510

 42, 61.071,
146.510


 32, 61.071,
146.510


 22, 61.071,


146.510


 12, 61.071,
146.510


 2, 61.071, 146.510


 92, 61.071,
146.510


 92, 61.071,
146.510


 90, 73.197,
145.333


 93, 47.131,
147.690

 90, 84.850,
143.909

 95, 33.327,
148.638

 89, 95.154,
142.343

 97, 19.358,
149.458

 88, 103.813,
140.691

 99, 5.424, 150.205

100, 0.012,

■ 88,110.580,
139.052

296.813

■ 88,113.748,
138.157

Harmonies

Complementary

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



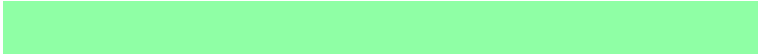
92, 61.071, 146.510



74, 60.566, 333.297

Rectangle

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



92, 61.071, 146.510



92, 61.071, 196.510



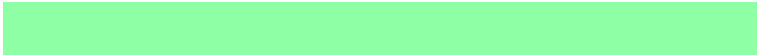
92, 61.071, 326.510



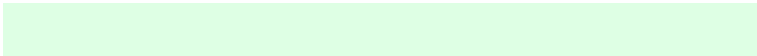
92, 61.071, 16.510

Sweetspot

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



92, 60.518, 146.593



97, 18.057, 149.528



96, 56.036, 114.266



51, 12.647, 149.359



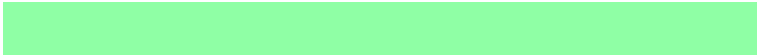
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

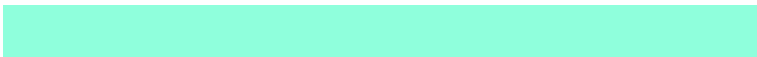
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 60.518, 146.593



91, 72.055, 145.458



93, 40.776, 170.119



52, 7.881, 149.788



68, 91.010, 138.437



23, 39.546, 140.870

Inverse Universe

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



74, 60.566, 333.297



70, 71.660, 333.956



72, 46.190, 0.384



50, 7.906, 330.951



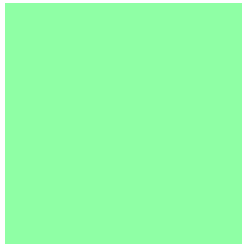
43, 79.926, 337.934



11, 37.428, 336.541

Previews

White Background



This preview shows how the CIE LCh color 92, 61.071, 146.510 looks on a white background.

Color Contrast Check

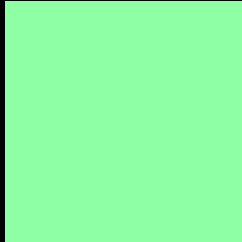
Large Text (above 18pt) WCAG AA × Fail

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, 61.071, 146.510 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, 61.071, 146.510

Background



This preview shows how black text looks on a background with the CIELCh color 92, 61.071, 146.510.

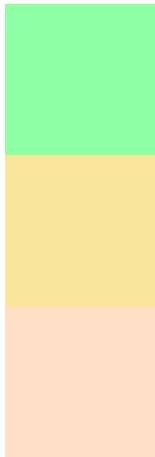


This preview shows how white text looks on a background with the CIELCh color 92, 61.071, 146.510.

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, 60.480, 146.613

Protanopia
91, 39.586, 95.861

Deuteranopia
91, 17.573, 66.860

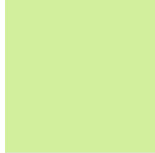


Tritanopia
92, 19.596, 221.864

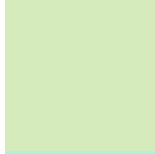
Trichromacy



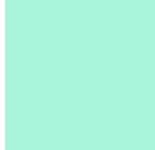
Original Color
92, 60.480, 146.613



Protanomaly
91, 42.668, 122.142



Deuteranomaly
90, 25.942, 125.871

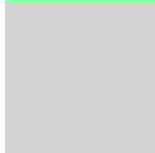


Tritanomaly
91, 28.650, 172.903

Monochromacy



Original Color
92, 60.480, 146.613



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 22.884, 149.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 61.071, 146.510 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(143, 255, 165)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 165)  
}
```

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(143, 255, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 61.071, 146.510 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(143, 255, 165) }
```

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

```
.border{ border-color:rgb(143, 255, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 255, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 255, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 255, 165);  
box-shadow:4px 4px 4px 4px rgb(143, 255,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 61.071, 146.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 165) }
```

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

```
.background{ background-color: rgb(143,  
255, 165) }
```

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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