

Converting Colors

CIELCh(93, 63.832, 143.127)

Have a look what the booklet for
CIELCh(93, 63.832, 143.127)
contains.

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Color

CIELCh(92, 61.953, 143.277)

Conversions

Conversions Part 1

Format	Color
Hex	96FF9E
RGB	150, 255, 158
RGB Percent	59%, 100%, 62%
CMY	0.4106, 0.0000, 0.3793
CMYK	0.41, 0.00, 0.38, 0.00
HSL	125°, 100%, 79%
HSV	125°, 41%, 100%
XYZ	54.6851, 80.7044, 45.1697
YIQ	212.5470, -31.4430, -52.4270

Conversions

Conversions Part 2

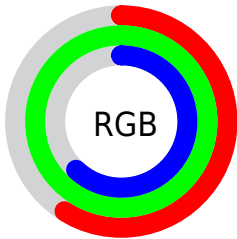
Format	Color
RYB	150, 248, 255
Decimal	9895838
CIELab	92.00, -49.66, 37.04
CIElCh	92, 61.953, 143.277
Yxy	80.7044, 0.3029, 0.4470
Android (android.graphics.Color)	4288085918 (0xFF96FF9E)
YUV	212.5470, -26.8917, -54.8537
Hunter-Lab	89.8356, -48.5552, 33.0737

Details

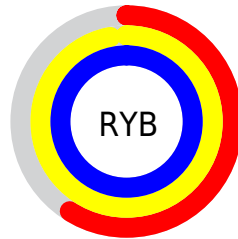
The CIELCh color **92, 61.953, 143.277** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 61.644, 328.922**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 27.355, 146.247**, and **72, 62.299, 143.075** is the 20% darker color. If you saturate the color by 10%, you get **91, 75.749, 142.155**, and if you desaturate by 10%, it is **93, 47.061, 144.290**.

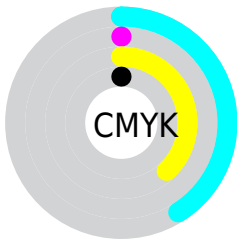
Distribution



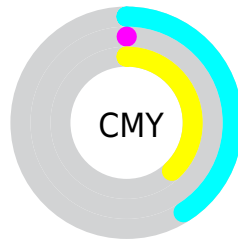
- Red (59%)
- Green (100%)
- Blue (62%)



- Red (59%)
- Yellow (97%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 61.953, 143.277 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, 61.953, 143.277 by changing the saturation by 10% instead.


 92, 61.953,
143.277


 92, 61.953,
143.277


 100, 61.953,
143.277


 82, 61.953,
143.277

 72, 61.953,
143.277

 62, 61.953,
143.277

 52, 61.953,
143.277

 42, 61.953,
143.277

 32, 61.953,
143.277

 22, 61.953,

143.277

■ 12, 61.953,
143.277

■ 2, 61.953, 143.277

■ 92, 61.953,
143.277

■ 92, 61.953,
143.277

■ 91, 75.749,
142.155

■ 93, 47.061,
144.290

■ 90, 88.543,
140.902

■ 95, 31.943,
145.154

■ 89, 99.687,
139.585

■ 97, 16.710,
145.899

■ 88, 108.679,
138.302

■ 100, 1.580,
146.714

■ 88, 115.063,
137.189

100, 0.012,
296.813

■ 88, 118.423,
136.484

Harmonies

Complementary

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



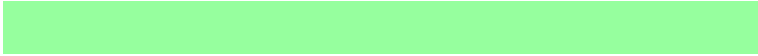
92, 61.953, 143.277



76, 61.644, 328.922

Rectangle

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



92, 61.953, 143.277



92, 61.953, 193.277



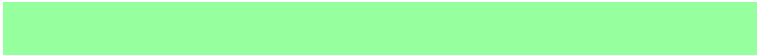
92, 61.953, 323.277



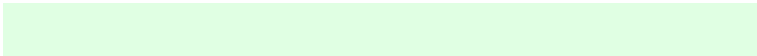
92, 61.953, 13.277

Sweetspot

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



92, 61.782, 143.291



97, 18.141, 145.833



98, 52.050, 109.246



52, 12.041, 145.740



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, 61.782, 143.291



91, 72.954, 142.400



93, 42.205, 163.142



52, 8.581, 146.006



68, 95.049, 136.629



22, 42.154, 138.245

Inverse Universe

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



76, 61.644, 328.922



72, 72.511, 329.357



74, 45.227, 351.947



50, 8.597, 327.087



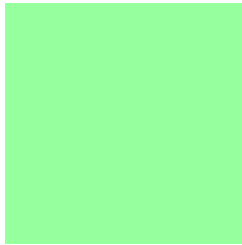
45, 87.664, 331.529



12, 40.622, 331.103

Previews

White Background



This preview shows how the CIE LCh color 92, 61.953, 143.277 looks on a white background.

Color Contrast Check

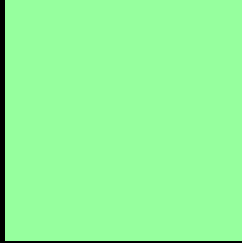
Large Text (above 18pt) WCAG AA × Fail

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, 61.953, 143.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

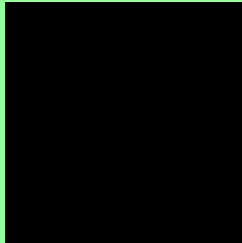
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

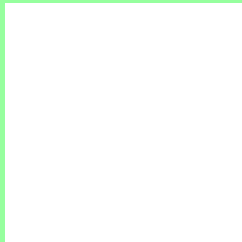
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 61.953, 143.277

Background



This preview shows how black text looks on a background with the CIELCh color 92, 61.953, 143.277.

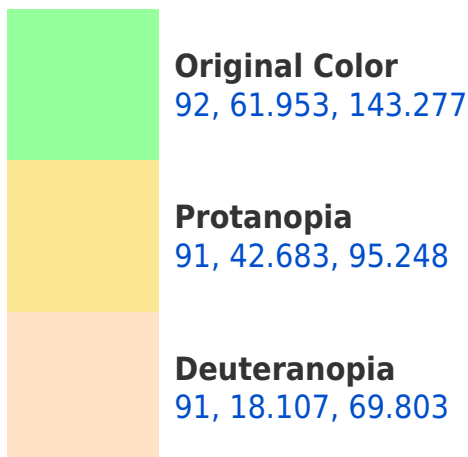


This preview shows how white text looks on a background with the CIELCh color 92, 61.953, 143.277.

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



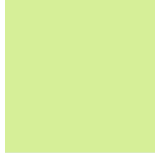


Tritanopia
92, 18.525, 223.368

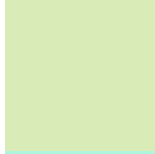
Trichromacy



Original Color
92, 61.953, 143.277



Protanomaly
91, 45.128, 119.161



Deuteranomaly
91, 27.651, 123.072

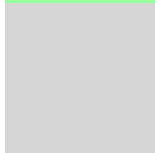


Tritanomaly
91, 27.577, 169.580

Monochromacy



Original Color
92, 61.953, 143.277



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 23.016, 145.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 61.953, 143.277 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(150, 255, 158)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 158)  
}
```

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(150, 255, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 61.953, 143.277 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(150, 255, 158) }
```

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

```
.border{ border-color:rgb(150, 255, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 158);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 61.953, 143.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 158) }
```

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

```
.background{ background-color: rgb(150,  
255, 158) }
```

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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