

Converting Colors

CIELCh(100, 79.131, 140.093)

Have a look what the booklet for
CIELCh(100, 79.131, 140.093)
contains.

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Color

CIELCh(92, 63.865, 140.445)

Conversions

Conversions Part 1

Format	Color
Hex	9BFF97
RGB	155, 255, 151
RGB Percent	61%, 100%, 59%
CMY	0.3922, 0.0001, 0.4079
CMYK	0.39, 0.00, 0.41, 0.00
HSL	118°, 100%, 80%
HSV	118°, 41%, 100%
XYZ	54.8497, 80.7044, 41.9552
YIQ	213.2440, -26.2160, -53.5440

Conversions

Conversions Part 2

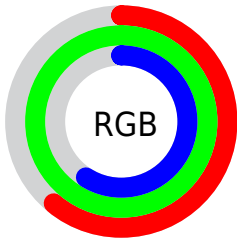
Format	Color
RYB	151, 255, 251
Decimal	10223511
CIELab	92.00, -49.24, 40.67
CIELCh	92, 63.865, 140.445
Yxy	80.7044, 0.3090, 0.4546
Android (android.graphics.Color)	4288413591 (0xFF9BFF97)
YUV	213.2440, -30.6863, -51.0800
Hunter-Lab	89.8356, -48.2282, 35.1952

Details

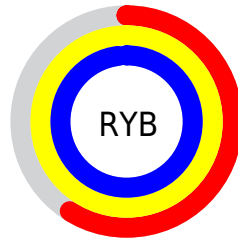
The CIELCh color **92, 63.865, 140.445** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 63.912, 325.500**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 29.314, 139.475**, and **72, 64.275, 140.321** is the 20% darker color. If you saturate the color by 10%, you get **91, 78.379, 139.455**, and if you desaturate by 10%, it is **94, 48.544, 141.343**.

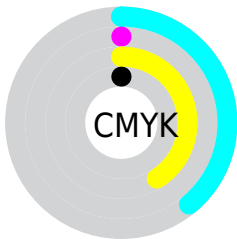
Distribution



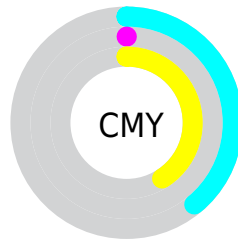
- Red (61%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (98%)



- Cyan (39%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 63.865, 140.445 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, 63.865, 140.445 by changing the saturation by 10% instead.


 92, 63.865,
140.445


 92, 63.865,
140.445


 100, 63.865,
140.445


 82, 63.865,
140.445

 72, 63.865,
140.445

 62, 63.865,
140.445


 52, 63.865,
140.445

 42, 63.865,
140.445

 32, 63.865,
140.445

 22, 63.865,


140.445


 12, 63.865,
140.445


 2, 63.865, 140.445


 92, 63.865,
140.445


 92, 63.865,
140.445


 91, 78.379,
139.455


 94, 48.544,
141.343


 90, 91.581,
138.417

 95, 32.807,
142.131

 89, 102.866,
137.421

 97, 16.958,
142.815

 88, 111.566,
136.602

 100, 1.219,
143.617

■ 88, 117.132,
136.100

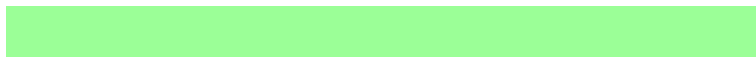
100, 0.023,
310.859

■ 88, 119.596,
135.910

Harmonies

Complementary

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



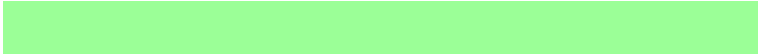
92, 63.865, 140.445



76, 63.912, 325.500

Rectangle

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



92, 63.865, 140.445



92, 63.865, 190.445



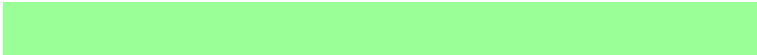
92, 63.865, 320.445



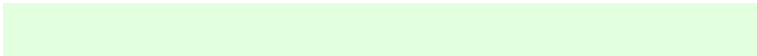
92, 63.865, 10.445

Sweetspot

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



92, 63.866, 140.445



97, 18.878, 142.737



97, 49.375, 103.938



52, 12.531, 142.651



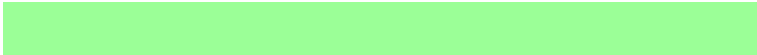
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

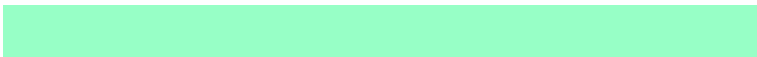
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 63.866, 140.445



91, 75.870, 139.637



93, 46.187, 157.059



52, 8.930, 142.896



68, 96.272, 135.863



22, 43.509, 136.246

Inverse Universe

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



76, 63.912, 325.500



72, 75.753, 325.860



75, 47.877, 344.917



50, 8.950, 323.894



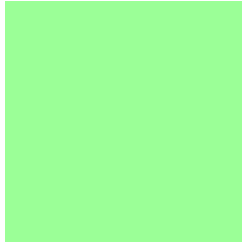
44, 93.259, 326.717



12, 42.892, 326.898

Previews

White Background



This preview shows how the CIE LCh color 92, 63.865, 140.445 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, 63.865, 140.445 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

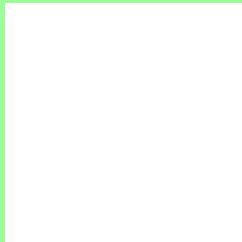
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 63.865, 140.445

Background



This preview shows how black text looks on a background with the CIELCh color 92, 63.865, 140.445.

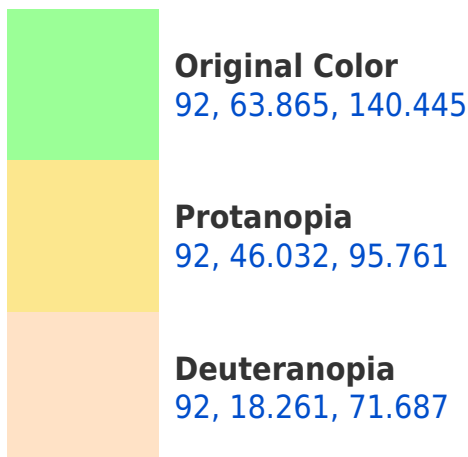


This preview shows how white text looks on a background with the CIELCh color 92, 63.865, 140.445.

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



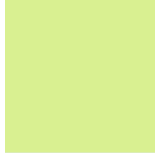


Tritanopia
92, 17.719, 224.626

Trichromacy



Original Color
92, 63.865, 140.445



Protanomaly
91, 48.724, 117.085



Deuteranomaly
91, 29.495, 121.273

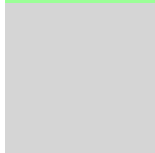


Tritanomaly
92, 27.664, 166.008

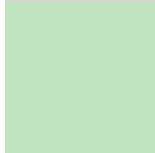
Monochromacy



Original Color
92, 63.865, 140.445



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 23.885, 142.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 63.865, 140.445 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(155, 255, 151)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 151)  
}
```

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(155, 255, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 63.865, 140.445 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(155, 255, 151) }
```

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

```
.border{ border-color:rgb(155, 255, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 255, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 255, 151); box-shadow:4px 4px 4px 4px rgb(155, 255, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 63.865, 140.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 151) }
```

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

```
.background{ background-color: rgb(155,  
255, 151) }
```

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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