

Converting Colors

CIELCh(92, 60.770, 142.706)

Have a look what the booklet for
CIELCh(92, 60.770, 142.706)
contains.

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Color

CIELCh(92, 60.784, 142.706)

Conversions

Conversions Part 1

Format	Color
Hex	9AFF9F
RGB	154, 255, 159
RGB Percent	60%, 100%, 62%
CMY	0.3970, 0.0009, 0.3774
CMYK	0.40, 0.00, 0.38, 0.00
HSL	123°, 100%, 80%
HSV	123°, 40%, 100%
XYZ	55.2002, 80.7044, 45.3656
YIQ	213.8570, -29.3800, -51.2680

Conversions

Conversions Part 2

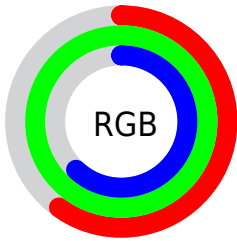
Format	Color
RYB	154, 250, 255
Decimal	10157983
CIELab	92.00, -48.36, 36.83
CIElCh	92, 60.784, 142.706
Yxy	80.7044, 0.3045, 0.4452
Android (android.graphics.Color)	4288348063 (0xFF9AFF9F)
YUV	213.8570, -27.0445, -52.4946
Hunter-Lab	89.8356, -47.5317, 32.9444

Details

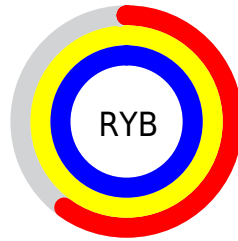
The CIELCh color **92, 60.784, 142.706** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **77, 60.662, 328.021**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 26.083, 144.637**, and **72, 61.182, 142.607** is the 20% darker color. If you saturate the color by 10%, you get **91, 75.096, 141.607**, and if you desaturate by 10%, it is **94, 45.739, 143.675**.

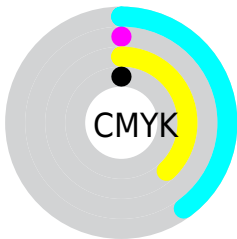
Distribution



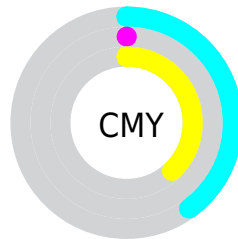
- Red (60%)
- Green (100%)
- Blue (62%)



- Red (60%)
- Yellow (98%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 60.784, 142.706 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, 60.784, 142.706 by changing the saturation by 10% instead.


 92, 60.784,
142.706


 92, 60.784,
142.706


 100, 60.784,
142.706


 82, 60.784,
142.706

 72, 60.784,
142.706

 62, 60.784,
142.706


 52, 60.784,
142.706

 42, 60.784,
142.706


 32, 60.784,
142.706


 22, 60.784,


142.706


 12, 60.784,
142.706


 2, 60.784, 142.706


 92, 60.784,
142.706


 92, 60.784,
142.706

 91, 75.096,
141.607


 94, 45.739,
143.675

 90, 88.230,
140.399

 96, 30.321,
144.513

 89, 99.674,
139.143

 98, 14.819,
145.236

 88, 108.874,
137.945

100, 0.160,
322.513

■ 88, 115.322,
136.945

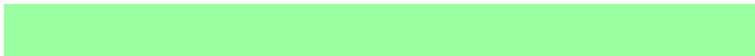
■ 88, 118.821,
136.301

■ 88, 118.899,
136.289

Harmonies

Complementary

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



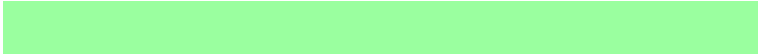
92, 60.784, 142.706



77, 60.662, 328.021

Rectangle

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



92, 60.784, 142.706



92, 60.784, 192.706



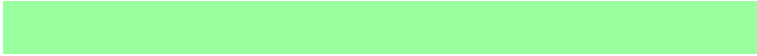
92, 60.784, 322.706



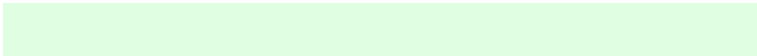
92, 60.784, 12.706

Sweetspot

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



92, 60.785, 142.706



97, 18.479, 145.074



98, 50.247, 107.852



52, 12.266, 144.982



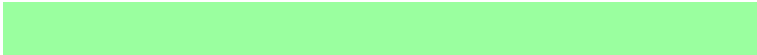
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

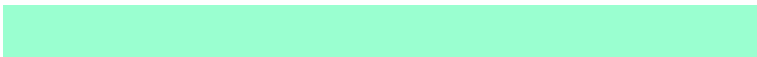
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 60.785, 142.706



91, 72.866, 141.796



93, 41.953, 161.459



52, 8.741, 145.245



68, 95.576, 136.400



22, 42.733, 137.719

Inverse Universe

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



77, 60.662, 328.021



73, 72.467, 328.457



75, 44.399, 349.651



50, 8.756, 326.314



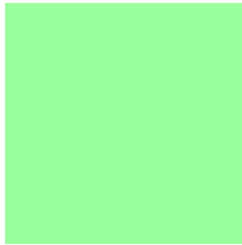
45, 89.521, 330.316



12, 41.378, 330.053

Previews

White Background



This preview shows how the CIE LCh color 92, 60.784, 142.706 looks on a white background.

Color Contrast Check

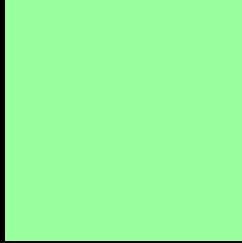
Large Text (above 18pt) WCAG AA × Fail

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, 60.784, 142.706 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

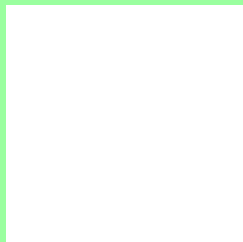
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 60.784, 142.706

Background



This preview shows how black text looks on a background with the CIELCh color 92, 60.784, 142.706.

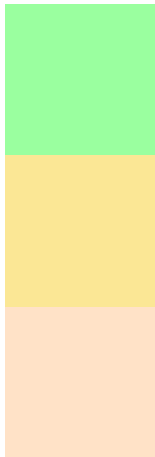


This preview shows how white text looks on a background with the CIELCh color 92, 60.784, 142.706.

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, 60.784, 142.706

Protanopia
92, 42.566, 95.803

Deuteranopia
92, 17.842, 70.764

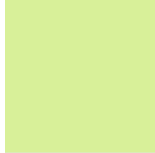


Tritanopia
92, 17.988, 224.193

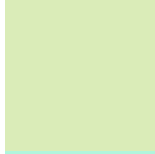
Trichromacy



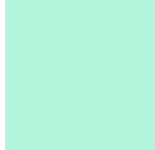
Original Color
92, 60.784, 142.706



Protanomaly
91, 45.009, 118.696



Deuteranomaly
91, 27.549, 122.330

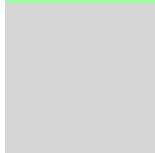


Tritanomaly
92, 27.034, 169.015

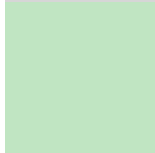
Monochromacy



Original Color
92, 60.784, 142.706



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 22.778, 144.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 60.784, 142.706 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(154, 255, 159)` looks like.

```
.text, #text, p{  
    color:rgb(154, 255, 159)  
}
```

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(154, 255, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 60.784, 142.706 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(154, 255, 159) }
```

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

```
.border{ border-color:rgb(154, 255, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 255, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 159);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 60.784, 142.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 159) }
```

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

```
.background{ background-color: rgb(154,  
255, 159) }
```

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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