

Converting Colors

CIELCh(92, 60.529, 142.040)

Have a look what the booklet for
CIELCh(92, 60.529, 142.040)
contains.

CIELCh(92, 60.247, 142.035)	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, 60.247, 142.035)

Conversions

Conversions Part 1

Format	Color
Hex	9CFE9E
RGB	156, 254, 158
RGB Percent	61%, 100%, 62%
CMY	0.3868, 0.0024, 0.3790
CMYK	0.39, 0.00, 0.38, 0.00
HSL	121°, 99%, 81%
HSV	121°, 39%, 100%
XYZ	55.5415, 80.7044, 45.1532
YIQ	213.7540, -27.5920, -50.6320

Conversions

Conversions Part 2

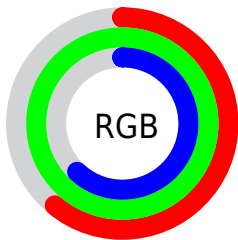
Format	Color
RYB	156, 252, 254
Decimal	10288798
CIELab	92.00, -47.50, 37.06
CIELCh	92, 60.247, 142.035
Yxy	80.7044, 0.3062, 0.4449
Android (android.graphics.Color)	4288478878 (0xFF9CFE9E)
YUV	213.7540, -27.4867, -50.6503
Hunter-Lab	89.8356, -46.8536, 33.0846

Details

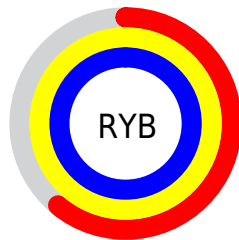
The CIELCh color **92, 60.247, 142.035** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **77, 60.140, 327.094**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 26.090, 142.812**, and **72, 60.675, 141.991** is the 20% darker color. If you saturate the color by 10%, you get **91, 74.890, 140.968**, and if you desaturate by 10%, it is **94, 44.873, 142.979**.

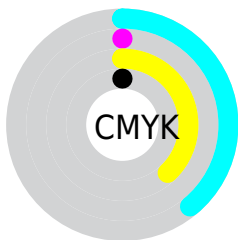
Distribution



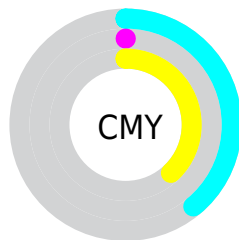
- Red (61%)
- Green (100%)
- Blue (62%)



- Red (61%)
- Yellow (99%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 60.247, 142.035 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, 60.247, 142.035 by changing the saturation by 10% instead.


 92, 60.247,
142.035


 92, 60.247,
142.035


 100, 60.247,
142.035


 82, 60.247,
142.035

 72, 60.247,
142.035

 62, 60.247,
142.035


 52, 60.247,
142.035

 42, 60.247,
142.035


 32, 60.247,
142.035


 22, 60.247,


142.035


 12, 60.247,
142.035


 2, 60.247, 142.035


 92, 60.247,
142.035


 92, 60.247,
142.035


 91, 74.890,
140.968


 94, 44.873,
142.979

 90, 88.330,
139.806

 96, 29.142,
143.795

 89, 100.012,
138.617

 98, 13.349,
144.501

 88, 109.322,
137.518

100, 0.396,
323.675

■ 88, 115.701,
136.657

■ 88, 118.942,
136.163

■ 88, 119.236,
136.126

Harmonies

Complementary

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



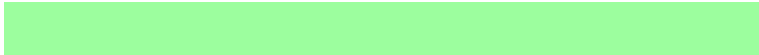
92, 60.247, 142.035



77, 60.140, 327.094

Rectangle

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



92, 60.247, 142.035



92, 60.247, 192.035



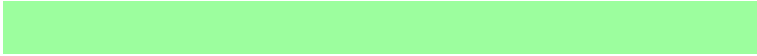
92, 60.247, 322.035



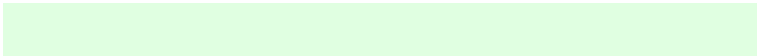
92, 60.247, 12.035

Sweetspot

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



92, 60.248, 142.035



97, 18.856, 144.266



98, 48.824, 107.195



52, 12.516, 144.175



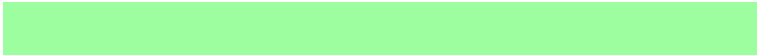
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

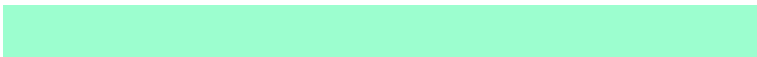
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 60.248, 142.035



91, 71.418, 141.248



93, 41.353, 160.703



52, 8.920, 144.436



68, 96.105, 136.173



22, 43.379, 137.155

Inverse Universe

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



77, 60.140, 327.094



74, 71.111, 327.468



76, 43.503, 348.489



50, 8.934, 325.493



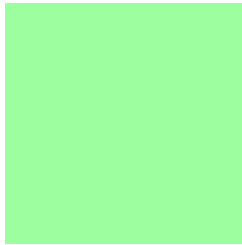
45, 91.616, 329.054



12, 42.229, 328.953

Previews

White Background



This preview shows how the CIE LCh color 92, 60.247, 142.035 looks on a white background.

Color Contrast Check

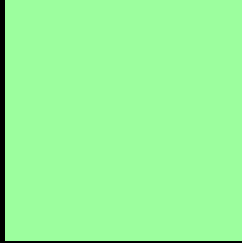
Large Text (above 18pt) WCAG AA × Fail

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, 60.247, 142.035 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

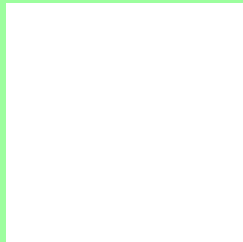
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 60.247, 142.035

Background



This preview shows how black text looks on a background with the CIELCh color 92, 60.247, 142.035.

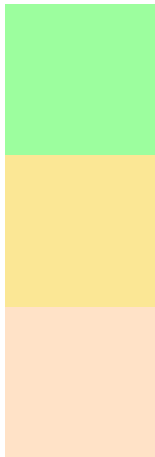


This preview shows how white text looks on a background with the CIELCh color 92, 60.247, 142.035.

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, 60.247, 142.035

Protanopia
92, 42.566, 95.803

Deuteranopia
92, 17.842, 70.764

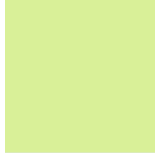


Tritanopia
92, 17.719, 224.626

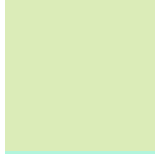
Trichromacy



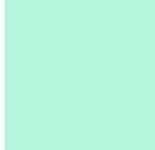
Original Color
92, 60.247, 142.035



Protanomaly
91, 45.400, 118.069



Deuteranomaly
91, 27.452, 121.581

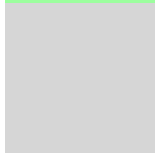


Tritanomaly
92, 26.489, 168.420

Monochromacy



Original Color
92, 60.247, 142.035



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 22.563, 144.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 60.247, 142.035 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(156, 254, 158)` looks like.

```
.text, #text, p{  
    color:rgb(156, 254, 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(156, 254, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 254, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 60.247, 142.035 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(156, 254, 158) }
```

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

```
.border{ border-color:rgb(156, 254, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 254, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 254, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 254, 158);  
box-shadow:4px 4px 4px 4px rgb(156, 254,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 60.247, 142.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 254, 158) }
```

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

```
.background{ background-color: rgb(156,  
254, 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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