

Converting Colors

CIELCh(100, 73.439, 148.004)

Have a look what the booklet for
CIELCh(100, 73.439, 148.004)
contains.

CIELCh(92, 57.522, 151.328)	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, 57.522, 151.328)

Conversions

Conversions Part 1

Format	Color
Hex	89FFB1
RGB	137, 255, 177
RGB Percent	54%, 100%, 69%
CMY	0.4625, 0.0000, 0.3059
CMYK	0.46, 0.00, 0.31, 0.00
HSL	140°, 100%, 77%
HSV	140°, 46%, 100%
XYZ	54.3657, 80.7044, 54.3058
YIQ	210.8260, -45.2900, -49.2740

Conversions

Conversions Part 2

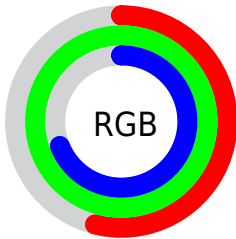
Format	Color
RYB	137, 225, 255
Decimal	9043889
CIELab	92.00, -50.47, 27.60
CIELCh	92, 57.522, 151.328
Yxy	80.7044, 0.2871, 0.4262
Android (android.graphics.Color)	4287233969 (0xFF89FFB1)
YUV	210.8260, -16.6762, -64.7454
Hunter-Lab	89.8356, -49.1898, 27.0440

Details

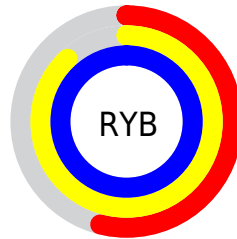
The CIELCh color **92, 57.522, 151.328** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72, 57.782, 339.714**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 23.534, 169.244**, and **72, 56.591, 151.563** is the 20% darker color. If you saturate the color by 10%, you get **91, 68.078, 150.093**, and if you desaturate by 10%, it is **93, 45.098, 152.690**.

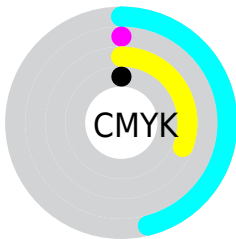
Distribution



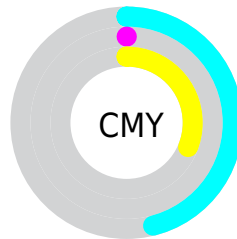
- Red (54%)
- Green (100%)
- Blue (69%)



- Red (54%)
- Yellow (88%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (46%)
- Magenta (0%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 57.522, 151.328 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, 57.522, 151.328 by changing the saturation by 10% instead.


 92, 57.522,
151.328


 92, 57.522,
151.328


 100, 57.522,
151.328


 82, 57.522,
151.328

 72, 57.522,
151.328

 62, 57.522,
151.328

 52, 57.522,
151.328

 42, 57.522,
151.328

 32, 57.522,
151.328

 22, 57.522,

151.328

■ 12, 57.522,
151.328

■ 2, 57.522, 151.328

■ 92, 57.522,
151.328

■ 92, 57.522,
151.328

■ 91, 68.078,
150.093

■ 93, 45.098,
152.690

■ 90, 78.319,
148.511

■ 95, 32.826,
153.741

■ 89, 87.448,
146.730

■ 97, 20.328,
154.662

■ 88, 95.329,
144.774

■ 99, 7.785, 155.494

100, 0.012,

■ 88, 101.910,
142.704

296.813

■ 88, 104.104,
141.952

Harmonies

Complementary

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



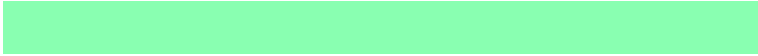
92, 57.522, 151.328



72, 57.782, 339.714

Rectangle

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



92, 57.522, 151.328



92, 57.522, 201.328



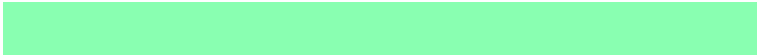
92, 57.522, 331.328



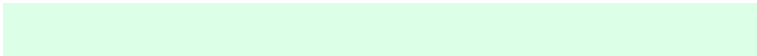
92, 57.522, 21.328

Sweetspot

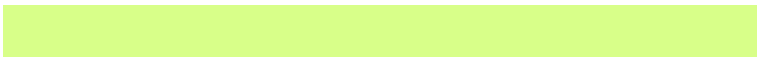
The Sweet Spot groups the original color and five complimentary colors.



92, 56.927, 151.481



97, 17.505, 154.854



95, 60.304, 120.518



51, 12.091, 154.670



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, 56.927, 151.481



91, 66.731, 150.277



93, 38.042, 181.464



52, 7.097, 155.227



68, 83.120, 142.336



23, 35.769, 145.335

Inverse Universe

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



72, 57.782, 339.714



68, 67.385, 340.649



71, 47.619, 12.041



50, 7.141, 336.536



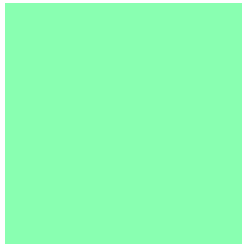
42, 72.597, 347.894



11, 34.235, 344.783

Previews

White Background



This preview shows how the CIE LCh color 92, 57.522, 151.328 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, 57.522, 151.328 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, 57.522, 151.328

Background



This preview shows how black text looks on a background with the CIELCh color 92, 57.522, 151.328.

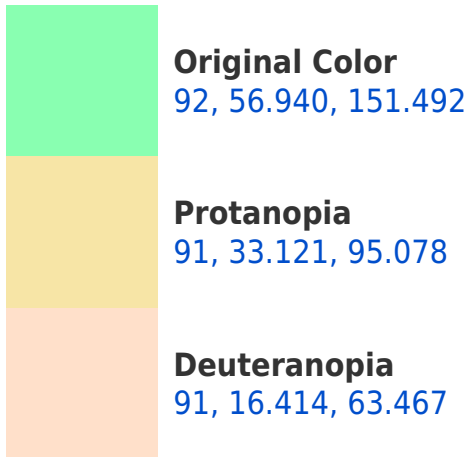


This preview shows how white text looks on a background with the CIELCh color 92, 57.522, 151.328.

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



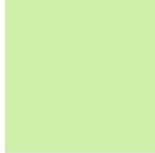


Tritanopia
91, 20.130, 221.177

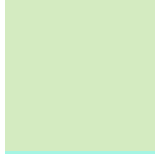
Trichromacy



Original Color
92, 56.940, 151.492



Protanomaly
90, 36.741, 126.136



Deuteranomaly
90, 23.309, 129.925

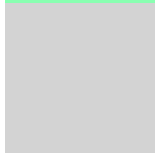


Tritanomaly
91, 28.226, 178.198

Monochromacy



Original Color
92, 56.940, 151.492



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 21.406, 154.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 57.522, 151.328 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(137, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(137, 255, 177)  
}
```

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(137, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 255, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 57.522, 151.328 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(137, 255, 177) }
```

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

```
.border{ border-color:rgb(137, 255, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 255, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(137, 255,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 57.522, 151.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 255, 177) }
```

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

```
.background{ background-color: rgb(137,  
255, 177) }
```

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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