

Converting Colors

CIELCh(91, 57.650, 147.266)

Have a look what the booklet for
CIELCh(91, 57.650, 147.266)
contains.

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Color

CIELCh(91, 57.612, 147.090)

Conversions

Conversions Part 1

Format	Color
Hex	91FCA7
RGB	145, 252, 167
RGB Percent	57%, 99%, 65%
CMY	0.4311, 0.0115, 0.3448
CMYK	0.42, 0.00, 0.34, 0.01
HSL	132°, 95%, 78%
HSV	132°, 42%, 99%
XYZ	53.5025, 78.4833, 48.9198
YIQ	210.3170, -36.4870, -49.1190

Conversions

Conversions Part 2

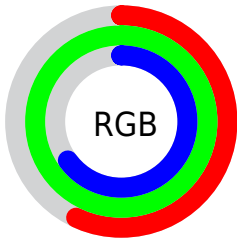
Format	Color
RYB	145, 234, 252
Decimal	9567399
CIELab	91.00, -48.37, 31.30
CIElCh	91, 57.612, 147.090
Yxy	78.4833, 0.2957, 0.4338
Android (android.graphics.Color)	4287757479 (0xFF91FCA7)
YUV	210.3170, -21.3553, -57.2830
Hunter-Lab	88.5908, -47.2327, 29.2737

Details

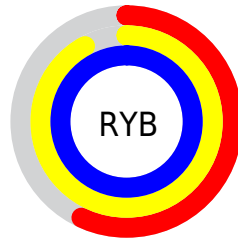
The CIELCh color **91, 57.612, 147.090** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 57.733, 333.567**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 24.643, 156.268**, and **71, 57.824, 146.888** is the 20% darker color. If you saturate the color by 10%, you get **90, 70.212, 145.850**, and if you desaturate by 10%, it is **93, 44.367, 148.168**.

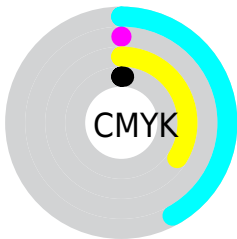
Distribution



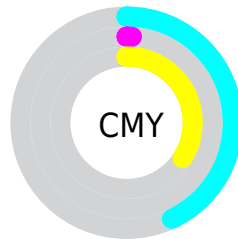
- Red (57%)
- Green (99%)
- Blue (65%)



- Red (57%)
- Yellow (92%)
- Blue (99%)



- Cyan (42%)
- Magenta (0%)
- Yellow (34%)
- Black (1%)



- Cyan (43%)
- Magenta (1%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 57.612, 147.090 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 91, 57.612, 147.090 by changing the saturation by 10% instead.

■ 91, 57.612,
147.090

■ 91, 57.612,
147.090

■ 100, 57.612,
147.090

■ 81, 57.612,
147.090

■ 71, 57.612,
147.090

■ 61, 57.612,
147.090


■ 51, 57.612,
147.090

■ 41, 57.612,
147.090


■ 31, 57.612,
147.090


■ 21, 57.612,


147.090

 11, 57.612,
147.090


 1, 57.612, 147.090


 91, 57.612,
147.090


 91, 57.612,
147.090


 90, 70.212,
145.850


 93, 44.367,
148.168


 89, 81.857,
144.442

 94, 30.753,
149.098

 88, 92.241,
142.882

 96, 17.007,
149.905

 87, 101.074,
141.215

 98, 3.318, 150.682

 99, 1.824, 324.336

■ 87,108.117,
139.532

■ 87,112.206,
138.363

Harmonies

Complementary

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



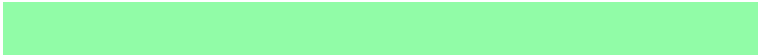
91, 57.612, 147.090



74, 57.733, 333.567

Rectangle

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



91, 57.612, 147.090



91, 57.612, 197.090



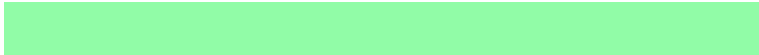
91, 57.612, 327.090



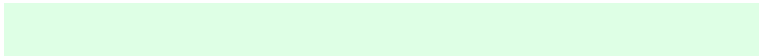
91, 57.612, 17.090

Sweetspot

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



91, 57.613, 147.090



97, 17.929, 149.863



95, 53.863, 115.092



51, 12.558, 149.693



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 57.613, 147.090



91, 69.076, 146.036



92, 38.669, 171.477



51, 7.697, 150.126



67, 89.632, 138.658



22, 38.132, 141.295

Inverse Universe

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



74, 57.733, 333.567



71, 68.864, 334.200



72, 43.982, 1.312



49, 7.722, 331.294



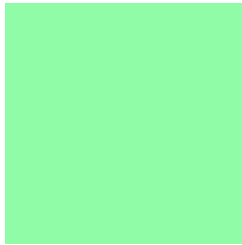
43, 78.572, 338.517



11, 36.245, 336.960

Previews

White Background



This preview shows how the CIE LCh color 91, 57.612, 147.090 looks on a white background.

Color Contrast Check

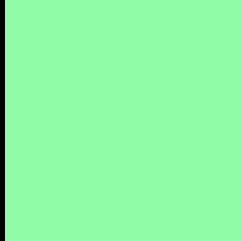
Large Text (above 18pt) WCAG AA × Fail

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 91, 57.612, 147.090 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 91, 57.612, 147.090

Background



This preview shows how black text looks on a background with the CIELCh color 91, 57.612, 147.090.

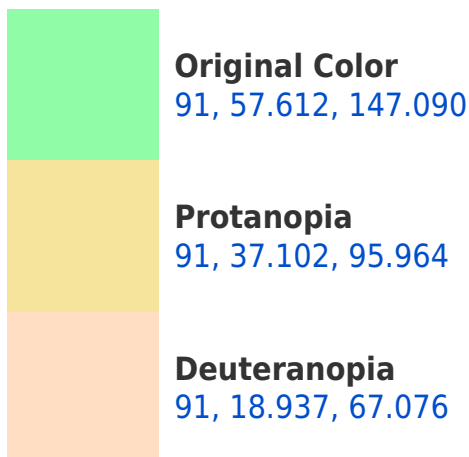


This preview shows how white text looks on a background with the CIELCh color 91, 57.612, 147.090.

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



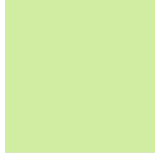


Tritanopia
91, 21.073, 221.621

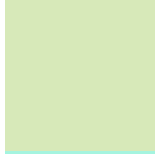
Trichromacy



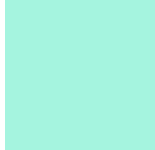
Original Color
91, 57.612, 147.090



Protanomaly
90, 40.231, 122.647



Deuteranomaly
90, 25.644, 123.518

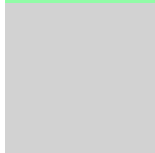


Tritanomaly
91, 28.689, 175.153

Monochromacy



Original Color
91, 57.612, 147.090



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 21.640, 149.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 57.612, 147.090 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(145, 252, 167)` looks like.

```
.text, #text, p{  
    color:rgb(145, 252, 167)  
}
```

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(145, 252, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 252, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 57.612, 147.090 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(145, 252, 167) }
```

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

```
.border{ border-color:rgb(145, 252, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 252, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 252, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 252, 167);  
box-shadow:4px 4px 4px 4px rgb(145, 252,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 57.612, 147.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 252, 167) }
```

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

```
.background{ background-color: rgb(145,  
252, 167) }
```

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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