

Converting Colors

CIELCh(92, 69.599, 141.246)

Have a look what the booklet for
CIELCh(92, 69.599, 141.246)
contains.

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Color

CIELCh(91, 68.502, 141.412)

Conversions

Conversions Part 1

Format	Color
Hex	8EFE90
RGB	142, 254, 144
RGB Percent	56%, 100%, 56%
CMY	0.4440, 0.0048, 0.4358
CMYK	0.44, 0.00, 0.43, 0.00
HSL	121°, 98%, 78%
HSV	121°, 44%, 100%
XYZ	51.5145, 78.4833, 38.7707
YIQ	207.9720, -31.4420, -57.9540

Conversions

Conversions Part 2

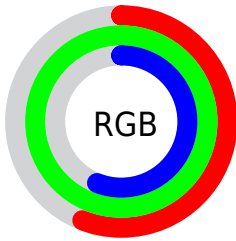
Format	Color
RYB	142, 252, 254
Decimal	9371280
CIELab	91.00, -53.54, 42.73
CIElCh	91, 68.502, 141.412
Yxy	78.4833, 0.3052, 0.4650
Android (android.graphics.Color)	4287561360 (0xFF8EFE90)
YUV	207.9720, -31.5382, -57.8574
Hunter-Lab	88.5908, -51.2382, 36.0660

Details

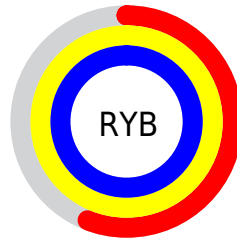
The CIELCh color **91, 68.502, 141.412** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 68.260, 327.331**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 34.900, 142.557**, and **71, 68.114, 141.543** is the 20% darker color. If you saturate the color by 10%, you get **90, 82.520, 140.288**, and if you desaturate by 10%, it is **93, 53.500, 142.426**.

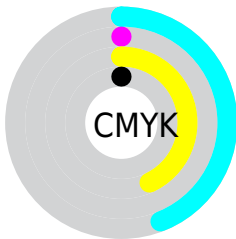
Distribution



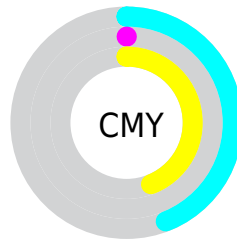
- Red (56%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (99%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 68.502, 141.412 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, 68.502, 141.412 by changing the saturation by 10% instead.


 91, 68.502,
141.412


 91, 68.502,
141.412

 100, 68.502,
141.412


 81, 68.502,
141.412


 71, 68.502,
141.412

 61, 68.502,
141.412

 51, 68.502,
141.412

 41, 68.502,
141.412

 31, 68.502,
141.412

 21, 68.502,

141.412

■ 11, 68.502,
141.412

■ 1, 68.502, 141.412

■ 91, 68.502,
141.412

■ 91, 68.502,
141.412

■ 90, 82.520,
140.288

■ 93, 53.500,
142.426

■ 89, 95.032,
139.102

■ 94, 37.941,
143.312

■ 88, 105.440,
137.951

■ 96, 22.164,
144.076

■ 88, 113.137,
136.975

■ 99, 6.429, 144.754

100, 0.766,

■ 87,117.704,
136.314

324.065

■ 87,119.048,
136.118

Harmonies

Complementary

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



91, 68.502, 141.412



74, 68.260, 327.331

Rectangle

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



91, 68.502, 141.412



91, 68.502, 191.412



91, 68.502, 321.412



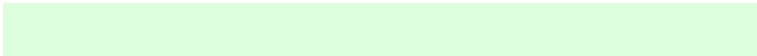
91, 68.502, 11.412

Sweetspot

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



91, 68.503, 141.412



97, 20.461, 144.155



97, 55.420, 106.693



51, 14.332, 143.998



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

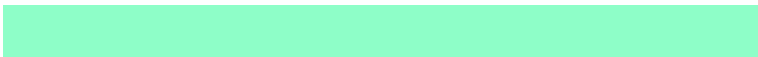
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 68.503, 141.412



90, 81.316, 140.418



92, 46.865, 159.983



52, 8.929, 144.393



68, 96.134, 136.161



22, 43.413, 137.125

Inverse Universe

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



74, 68.260, 327.331



71, 80.688, 327.746



72, 49.570, 349.255



50, 8.943, 325.450



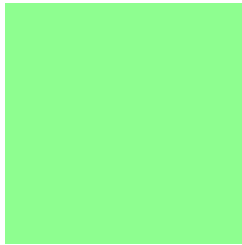
45, 91.729, 328.989



12, 42.274, 328.897

Previews

White Background



This preview shows how the CIE LCh color 91, 68.502, 141.412 looks on a white background.

Color Contrast Check

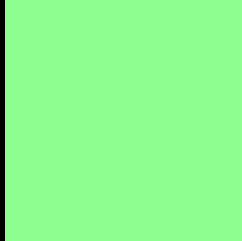
Large Text (above 18pt) WCAG AA × Fail

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, 68.502, 141.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

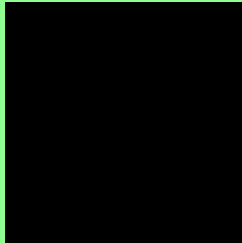
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

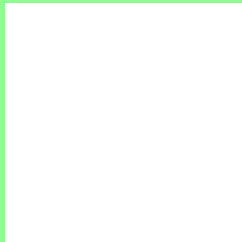
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 68.502, 141.412

Background



This preview shows how black text looks on a background with the CIELCh color 91, 68.502, 141.412.

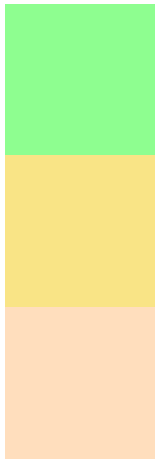


This preview shows how white text looks on a background with the CIELCh color 91, 68.502, 141.412.

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
91, 68.538, 141.395

Protanopia
90, 48.519, 95.983

Deuteranopia
90, 21.424, 72.172

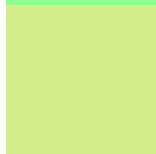


Tritanopia
91, 20.972, 223.346

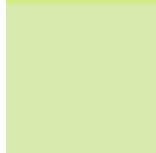
Trichromacy



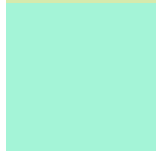
Original Color
91, 68.538, 141.395



Protanomaly
90, 51.031, 118.251



Deuteranomaly
90, 32.212, 121.388

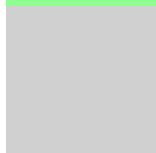


Tritanomaly
91, 31.159, 168.471

Monochromacy



Original Color
91, 68.538, 141.395



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 25.865, 143.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 68.502, 141.412 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(142, 254, 144)` looks like.

```
.text, #text, p{  
    color:rgb(142, 254, 144)  
}
```

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(142, 254, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 254, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 68.502, 141.412 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(142, 254, 144) }
```

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

```
.border{ border-color:rgb(142, 254, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 254, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 254, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 254, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 254,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 68.502, 141.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 254, 144) }
```

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

```
.background{ background-color: rgb(142,  
254, 144) }
```

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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