

Converting Colors

CIELCh(91, 64.324, 144.542)

Have a look what the booklet for
CIELCh(91, 64.324, 144.542)
contains.

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Color

CIELCh(91, 64.491, 144.470)

Conversions

Conversions Part 1

Format	Color
Hex	8CFE9B
RGB	140, 254, 155
RGB Percent	55%, 100%, 61%
CMY	0.4527, 0.0057, 0.3938
CMYK	0.45, 0.00, 0.39, 0.01
HSL	128°, 98%, 77%
HSV	128°, 45%, 99%
XYZ	51.9179, 78.4833, 43.2382
YIQ	208.6280, -36.1650, -54.9570

Conversions

Conversions Part 2

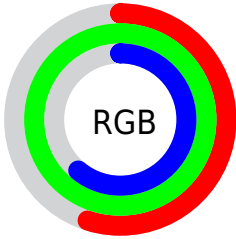
Format	Color
RYB	140, 241, 254
Decimal	9240219
CIELab	91.00, -52.48, 37.48
CIELCh	91, 64.491, 144.470
Yxy	78.4833, 0.2990, 0.4520
Android (android.graphics.Color)	4287430299 (0xFF8CFE9B)
YUV	208.6280, -26.4386, -60.1868
Hunter-Lab	88.5908, -50.4256, 33.0761

Details

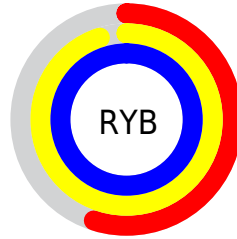
The CIELCh color **91, 64.491, 144.470** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 64.318, 331.005**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 30.795, 149.275**, and **71, 64.440, 144.389** is the 20% darker color. If you saturate the color by 10%, you get **90, 77.564, 143.240**, and if you desaturate by 10%, it is **92, 50.607, 145.551**.

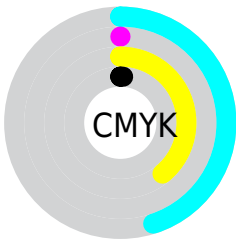
Distribution



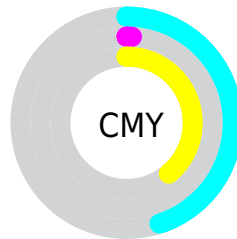
- Red (55%)
- Green (100%)
- Blue (61%)



- Red (55%)
- Yellow (95%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (39%)
- Black (1%)





- Cyan (45%)
- Magenta (1%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 64.491, 144.470 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, 64.491, 144.470 by changing the saturation by 10% instead.


 91, 64.491,
144.470


 91, 64.491,
144.470


 100, 64.491,
144.470


 81, 64.491,
144.470


 71, 64.491,
144.470

 61, 64.491,
144.470


 51, 64.491,
144.470

 41, 64.491,
144.470


 31, 64.491,
144.470


 21, 64.491,


144.470


 11, 64.491,
144.470


 1, 64.491, 144.470

 91, 64.491,
144.470


 91, 64.491,
144.470


 90, 77.564,
143.240


 92, 50.607,
145.551

 89, 89.444,
141.874

 94, 36.242,
146.486

 88, 99.736,
140.420

 96, 21.679,
147.292

 88, 108.044,
138.965

 98, 7.140, 148.007

100, 0.910,

■ 87,114.037,
137.638

324.134

■ 87,116.173,
137.098

Harmonies

Complementary

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



91, 64.491, 144.470



73, 64.318, 331.005

Rectangle

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



91, 64.491, 144.470



91, 64.491, 194.470



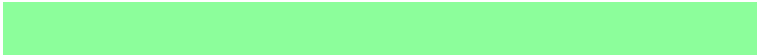
91, 64.491, 324.470



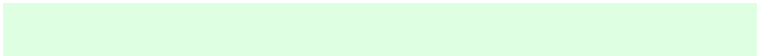
91, 64.491, 14.470

Sweetspot

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



91, 64.492, 144.470



97, 18.908, 147.436



96, 56.616, 111.215



51, 13.244, 147.273



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, 64.492, 144.470



90, 76.705, 143.362



92, 43.785, 165.615



52, 8.252, 147.687



68, 93.507, 137.306



23, 40.957, 139.395

Inverse Universe

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



73, 64.318, 331.005



70, 76.002, 331.563



72, 48.155, 355.884



50, 8.271, 328.800



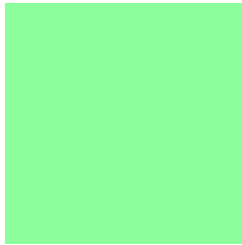
44, 83.929, 334.304



12, 39.091, 333.478

Previews

White Background



This preview shows how the CIE LCh color 91, 64.491, 144.470 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, 64.491, 144.470 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

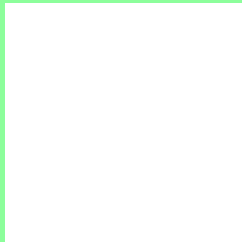
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 64.491, 144.470

Background



This preview shows how black text looks on a background with the CIELCh color 91, 64.491, 144.470.

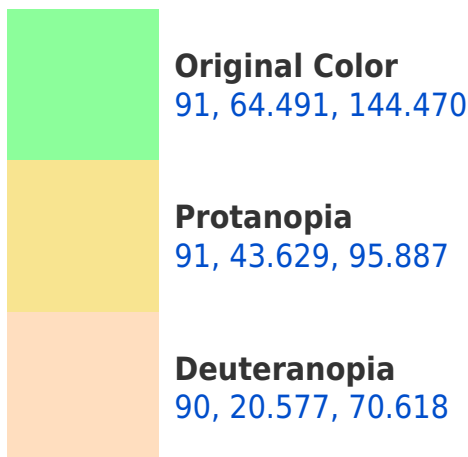


This preview shows how white text looks on a background with the CIELCh color 91, 64.491, 144.470.

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



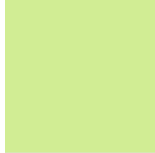


Tritanopia
91, 21.334, 221.305

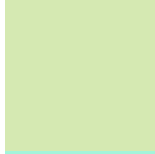
Trichromacy



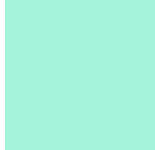
Original Color
91, 64.491, 144.470



Protanomaly
90, 46.423, 120.211



Deuteranomaly
90, 29.294, 122.920

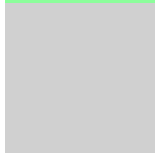


Tritanomaly
91, 30.554, 171.161

Monochromacy



Original Color
91, 64.491, 144.470



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 24.389, 147.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 64.491, 144.470 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(140, 254, 155)` looks like.

```
.text, #text, p{  
    color:rgb(140, 254, 155)  
}
```

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(140, 254, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 254, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 64.491, 144.470 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(140, 254, 155) }
```

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

```
.border{ border-color:rgb(140, 254, 155) }
```

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

Here you see how a box with a 4 pixel rgb(140, 254, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 254, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 254, 155);  
box-shadow:4px 4px 4px 4px rgb(140, 254,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 64.491, 144.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 254, 155) }
```

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

```
.background{ background-color: rgb(140,  
254, 155) }
```

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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