

Converting Colors

CIELCh(92, 52.327, 149.206)

Have a look what the booklet for
CIELCh(92, 52.327, 149.206)
contains.

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Color

CIELCh(92, 52.359, 149.190)

Conversions

Conversions Part 1

Format	Color
Hex	99FEB3
RGB	153, 254, 179
RGB Percent	60%, 100%, 70%
CMY	0.4010, 0.0050, 0.2990
CMYK	0.40, 0.00, 0.30, 0.00
HSL	135°, 98%, 80%
HSV	135°, 40%, 100%
XYZ	56.5554, 80.7044, 55.1119
YIQ	215.2510, -36.1210, -44.7370

Conversions

Conversions Part 2

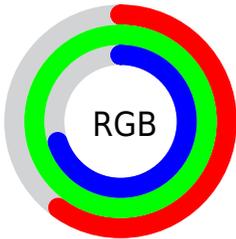
Format	Color
RYB	153, 233, 254
Decimal	10092211
CIELab	92.00, -44.97, 26.82
CIELCh	92, 52.359, 149.190
Yxy	80.7044, 0.2940, 0.4195
Android (android.graphics.Color)	4288282291 (0xFF99FEB3)
YUV	215.2510, -17.8717, -54.5941
Hunter-Lab	89.8356, -44.8390, 26.5120

Details

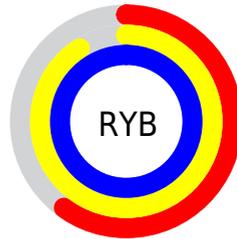
The CIELCh color **92, 52.359, 149.190** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 52.723, 335.469**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 18.482, 164.637**, and **72, 52.564, 149.308** is the 20% darker color. If you saturate the color by 10%, you get **91, 64.729, 147.964**, and if you desaturate by 10%, it is **94, 39.446, 150.252**.

Distribution



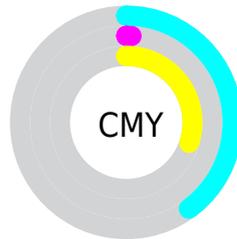
- Red (60%)
- Green (100%)
- Blue (70%)



- Red (60%)
- Yellow (91%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (40%)
- Magenta (1%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 52.359, 149.190 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, 52.359, 149.190 by changing the saturation by 10% instead.

 92, 52.359,
149.190

 92, 52.359,
149.190

 100, 52.359,
149.190

 82, 52.359,
149.190

 72, 52.359,
149.190

 62, 52.359,
149.190

 52, 52.359,
149.190

 42, 52.359,
149.190

 32, 52.359,
149.190

 22, 52.359,

149.190

■ 12, 52.359,
149.190

■ 2, 52.359, 149.190

■ 92, 52.359,
149.190

■ 92, 52.359,
149.190

■ 91, 64.729,
147.964

■ 94, 39.446,
150.252

■ 90, 76.280,
146.560

■ 95, 26.236,
151.173

■ 89, 86.742,
144.977

■ 97, 12.942,
151.980

■ 88, 95.872,
143.237

■ 100, 0.267,
331.180

■ 88, 103.482,
141.397

100, 0.794,
324.080

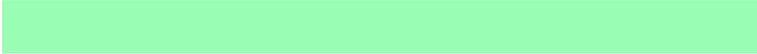
■ 88, 109.511,
139.593

■ 88, 109.616,
139.561

Harmonies

Complementary

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



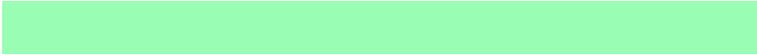
92, 52.359, 149.190



76, 52.723, 335.469

Rectangle

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



92, 52.359, 149.190



92, 52.359, 199.190



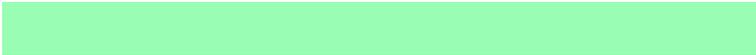
92, 52.359, 329.190



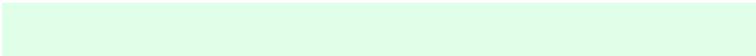
92, 52.359, 19.190

Sweetspot

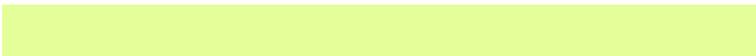
The Sweet Spot groups the original color and five complimentary colors.



92, 52.360, 149.190



97, 15.924, 151.810



96, 51.302, 117.399



52, 10.569, 151.707



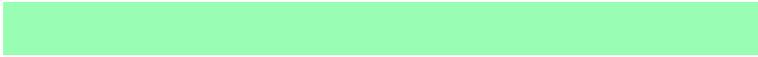
0, 0.000, 0.000



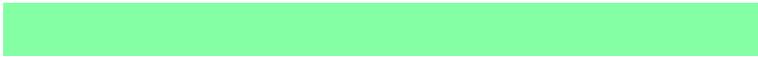
53, 0.007, 296.813

Same Dimension

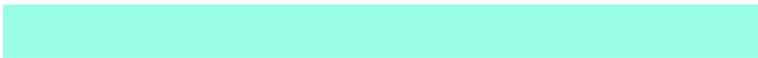
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 52.360, 149.190



91, 62.802, 148.196



93, 35.339, 175.463



52, 7.535, 152.003



68, 87.944, 139.889



23, 37.996, 142.617

Inverse Universe

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



76, 52.723, 335.469



72, 63.028, 336.144



74, 40.862, 4.503



50, 7.566, 333.222



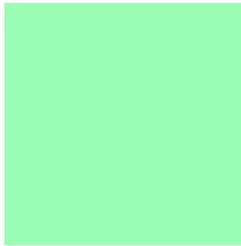
43, 76.446, 341.913



11, 35.948, 339.855

Previews

White Background



This preview shows how the CIE LCh color 92, 52.359, 149.190 looks on a white background.

Color Contrast Check

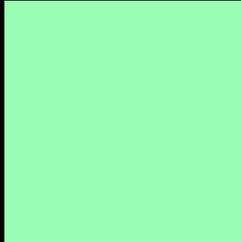
Large Text (above 18pt) WCAG AA × Fail

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, 52.359, 149.190 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, 52.359, 149.190

Background



This preview shows how black text looks on a background with the CIELCh color 92, 52.359, 149.190.



This preview shows how white text looks on a background with the CIELCh color 92, 52.359, 149.190.

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



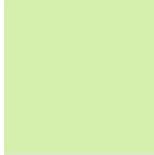


Tritanopia
92, 18.256, 223.774

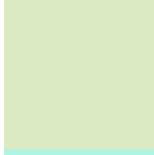
Trichromacy



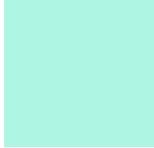
Original Color
92, 52.359, 149.190



Protanomaly
91, 35.631, 123.618

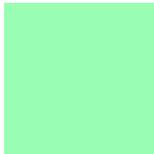


Deuteranomaly
91, 21.567, 125.582



Tritanomaly
92, 25.453, 176.213

Monochromacy



Original Color
92, 52.359, 149.190



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 19.496, 151.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 52.359, 149.190 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(153, 254, 179)` looks like.

```
.text, #text, p{  
    color:rgb(153, 254, 179)  
}
```

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(153, 254, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 254, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 52.359, 149.190 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(153, 254, 179) }
```

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

```
.border{ border-color:rgb(153, 254, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 254, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 254, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 254, 179);  
box-shadow:4px 4px 4px 4px rgb(153, 254,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 52.359, 149.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 254, 179) }
```

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

```
.background{ background-color: rgb(153,  
254, 179) }
```

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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