

Converting Colors

CIELCh(92, 59.410, 149.185)

Have a look what the booklet for
CIELCh(92, 59.410, 149.185)
contains.

CIELCh(92, 58.883, 149.174)	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, 58.883, 149.174)

Conversions

Conversions Part 1

Format	Color
Hex	8CFFAC
RGB	140, 255, 172
RGB Percent	55%, 100%, 67%
CMY	0.4511, 0.0000, 0.3258
CMYK	0.45, 0.00, 0.33, 0.00
HSL	137°, 100%, 77%
HSV	137°, 45%, 100%
XYZ	54.3281, 80.7044, 51.7038
YIQ	211.1530, -41.8970, -50.1930

Conversions

Conversions Part 2

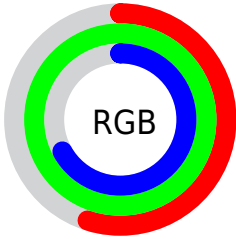
Format	Color
RYB	140, 230, 255
Decimal	9240492
CIELab	92.00, -50.56, 30.17
CIELCh	92, 58.883, 149.174
Yxy	80.7044, 0.2909, 0.4322
Android (android.graphics.Color)	4287430572 (0xFF8CFFAC)
YUV	211.1530, -19.3024, -62.4012
Hunter-Lab	89.8356, -49.2645, 28.7613

Details

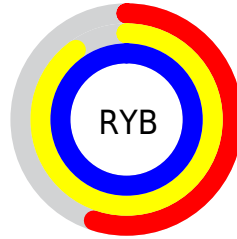
The CIELCh color **92, 58.883, 149.174** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 58.752, 336.778**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 24.228, 163.057**, and **72, 58.105, 149.400** is the 20% darker color. If you saturate the color by 10%, you get **91, 70.157, 147.957**, and if you desaturate by 10%, it is **93, 45.823, 150.447**.

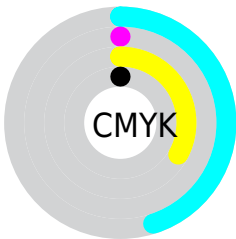
Distribution



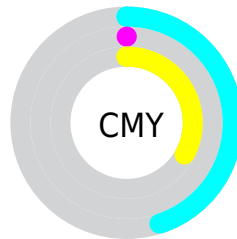
- Red (55%)
- Green (100%)
- Blue (67%)



- Red (55%)
- Yellow (90%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 58.883, 149.174 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, 58.883, 149.174 by changing the saturation by 10% instead.


 92, 58.883,
149.174


 92, 58.883,
149.174


 100, 58.883,
149.174


 82, 58.883,
149.174

 72, 58.883,
149.174

 62, 58.883,
149.174

 52, 58.883,
149.174

 42, 58.883,
149.174

 32, 58.883,
149.174

 22, 58.883,

149.174

■ 12, 58.883,
149.174

■ 2, 58.883, 149.174

■ 92, 58.883,
149.174

■ 92, 58.883,
149.174

■ 91, 70.157,
147.957

■ 93, 45.823,
150.447

■ 90, 81.042,
146.441

■ 95, 32.895,
151.450

■ 89, 90.739,
144.744

■ 97, 19.773,
152.324

■ 88, 99.050,
142.901

■ 99, 6.646, 153.115

100, 0.012,

■ 88,105.851,
140.987

296.813

■ 88,108.669,
140.093

Harmonies

Complementary

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



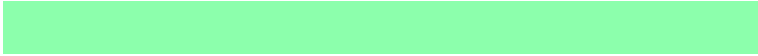
92, 58.883, 149.174



73, 58.752, 336.778

Rectangle

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



92, 58.883, 149.174



92, 58.883, 199.174



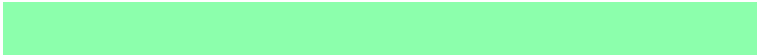
92, 58.883, 329.174



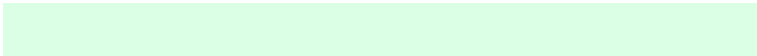
92, 58.883, 19.174

Sweetspot

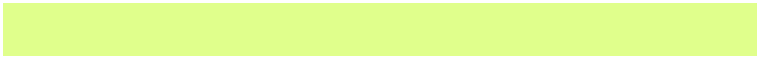
The Sweet Spot groups the original color and five complimentary colors.



92, 58.329, 149.289



97, 18.319, 152.414



96, 58.159, 117.803



51, 12.655, 152.237



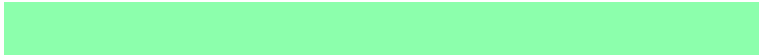
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

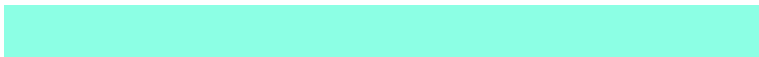
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 58.329, 149.289



91, 68.891, 148.114



93, 39.083, 176.107



52, 7.424, 152.769



68, 86.820, 140.441



23, 37.460, 143.247

Inverse Universe

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



73, 58.752, 336.778



69, 68.976, 337.582



71, 46.591, 6.752



50, 7.458, 334.010



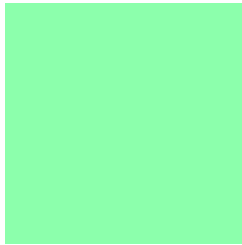
43, 75.405, 343.320



11, 35.496, 341.018

Previews

White Background



This preview shows how the CIE LCh color 92, 58.883, 149.174 looks on a white background.

Color Contrast Check

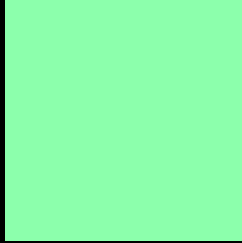
Large Text (above 18pt) WCAG AA × Fail

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, 58.883, 149.174 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, 58.883, 149.174

Background



This preview shows how black text looks on a background with the CIELCh color 92, 58.883, 149.174.

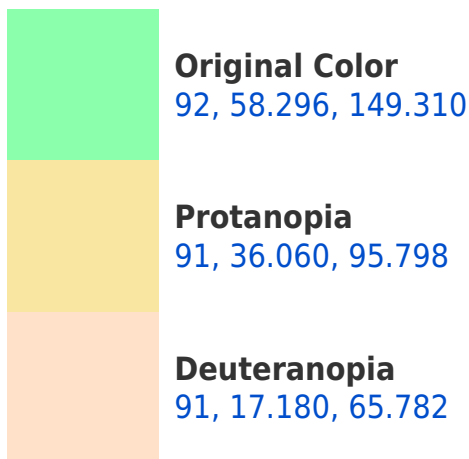


This preview shows how white text looks on a background with the CIELCh color 92, 58.883, 149.174.

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



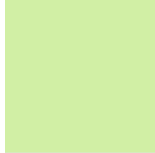


Tritanopia
91, 19.863, 221.516

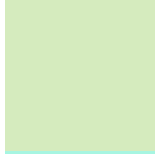
Trichromacy



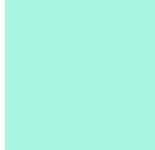
Original Color
92, 58.296, 149.310



Protanomaly
91, 39.447, 124.127



Deuteranomaly
90, 24.614, 127.801

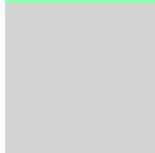


Tritanomaly
91, 28.154, 175.907

Monochromacy



Original Color
92, 58.296, 149.310



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 21.925, 152.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 58.883, 149.174 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, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 172)  
}
```

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, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 58.883, 149.174 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, 255, 172) }
```

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

```
.border{ border-color:rgb(140, 255, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 58.883, 149.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 172) }
```

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

```
.background{ background-color: rgb(140,  
255, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor