

Converting Colors

CIELCh(92, 48.686, 146.149)

Have a look what the booklet for
CIELCh(92, 48.686, 146.149)
contains.

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Color

CIELCh(92, 48.909, 145.870)

Conversions

Conversions Part 1

Format	Color
Hex	A6FCB2
RGB	166, 252, 178
RGB Percent	65%, 99%, 70%
CMY	0.3502, 0.0130, 0.3031
CMYK	0.34, 0.00, 0.29, 0.01
HSL	128°, 93%, 82%
HSV	128°, 34%, 99%
XYZ	58.3839, 80.7044, 54.4675
YIQ	217.8500, -27.5020, -41.2460

Conversions

Conversions Part 2

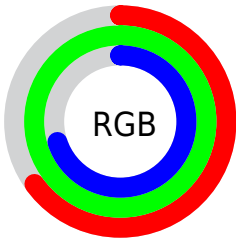
Format	Color
RYB	166, 241, 252
Decimal	10943666
CIELab	92.00, -40.49, 27.44
CIELCh	92, 48.909, 145.870
Yxy	80.7044, 0.3016, 0.4170
Android (android.graphics.Color)	4289133746 (0xFFA6FCB2)
YUV	217.8500, -19.6460, -45.4724
Hunter-Lab	89.8356, -41.2057, 26.9373

Details

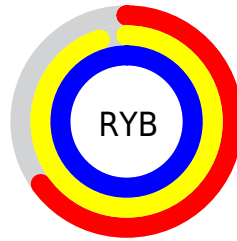
The CIELCh color **92, 48.909, 145.870** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **79, 48.975, 330.598**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.624, 155.192**, and **72, 48.840, 145.832** is the 20% darker color. If you saturate the color by 10%, you get **91, 62.690, 144.798**, and if you desaturate by 10%, it is **94, 34.685, 146.797**.

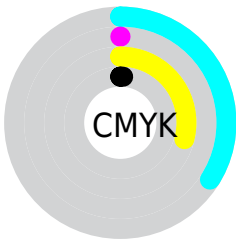
Distribution



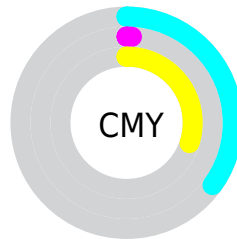
- Red (65%)
- Green (99%)
- Blue (70%)



- Red (65%)
- Yellow (95%)
- Blue (99%)



- Cyan (34%)
- Magenta (0%)
- Yellow (29%)
- Black (1%)



- Cyan (35%)
- Magenta (1%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 48.909, 145.870 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, 48.909, 145.870 by changing the saturation by 10% instead.

■ 92, 48.909,
145.870

■ 92, 48.909,
145.870

■ 100, 48.909,
145.870

■ 82, 48.909,
145.870

■ 72, 48.909,
145.870

■ 62, 48.909,
145.870


■ 52, 48.909,
145.870

■ 42, 48.909,
145.870


■ 32, 48.909,
145.870

■ 22, 48.909,


145.870


 12, 48.909,
145.870


 2, 48.909, 145.870


 92, 48.909,
145.870


 92, 48.909,
145.870

 91, 62.690,
144.798


 94, 34.685,
146.797

 89, 75.699,
143.575

 96, 20.284,
147.596

 88, 87.575,
142.210

 98, 5.921, 148.314

 88, 97.933,
140.745

 99, 2.060, 324.364

■ 87,106.394,
139.260

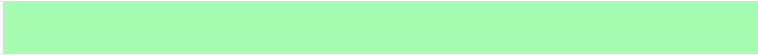
■ 87,112.629,
137.878

■ 87,115.214,
137.211

Harmonies

Complementary

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



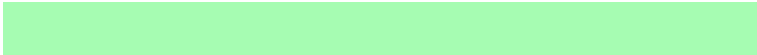
92, 48.909, 145.870



79, 48.975, 330.598

Rectangle

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



92, 48.909, 145.870



92, 48.909, 195.870



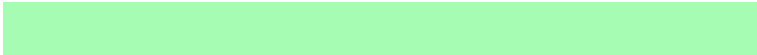
92, 48.909, 325.870



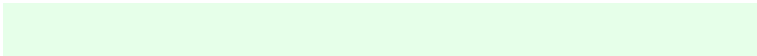
92, 48.909, 15.870

Sweetspot

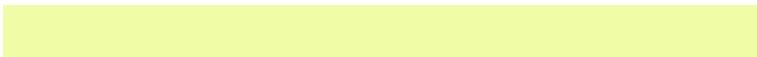
The Sweet Spot groups the original color and five complimentary colors.



92, 48.911, 145.870



98, 14.439, 147.897



96, 43.362, 112.760



52, 9.859, 147.797



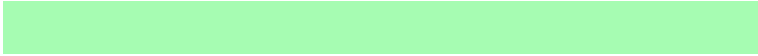
0, 0.000, 0.000



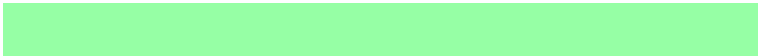
53, 0.007, 296.813

Same Dimension

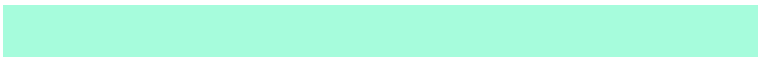
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 48.911, 145.870



92, 59.015, 145.151



93, 33.325, 168.035



51, 8.071, 147.934



67, 92.288, 137.435



21, 39.541, 139.786

Inverse Universe

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



79, 48.975, 330.598



76, 58.976, 331.031



77, 36.056, 355.314



49, 8.091, 329.050



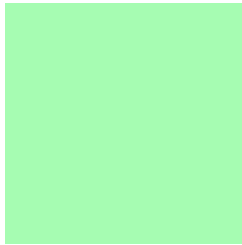
43, 82.602, 334.712



11, 37.887, 333.784

Previews

White Background



This preview shows how the CIE LCh color 92, 48.909, 145.870 looks on a white background.

Color Contrast Check

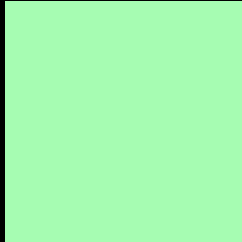
Large Text (above 18pt) WCAG AA × Fail

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, 48.909, 145.870 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, 48.909, 145.870

Background



This preview shows how black text looks on a background with the CIELCh color 92, 48.909, 145.870.

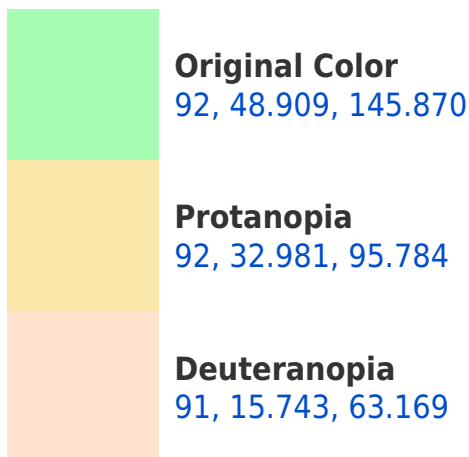



This preview shows how white text looks on a background with the CIELCh color 92, 48.909, 145.870.

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



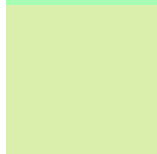


Tritanopia
92, 16.856, 228.173

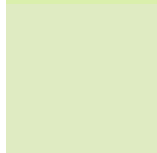
Trichromacy



Original Color
92, 48.909, 145.870



Protanomaly
92, 35.114, 120.701



Deuteranomaly
91, 21.564, 120.506

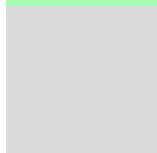


Tritanomaly
92, 22.661, 175.035

Monochromacy



Original Color
92, 48.909, 145.870



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 18.070, 147.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 48.909, 145.870 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(166, 252, 178)` looks like.

```
.text, #text, p{  
    color:rgb(166, 252, 178)  
}
```

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(166, 252, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 252, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 48.909, 145.870 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(166, 252, 178) }
```

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

```
.border{ border-color:rgb(166, 252, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 252, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 252, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 252, 178);  
box-shadow:4px 4px 4px 4px rgb(166, 252,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 48.909, 145.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 252, 178) }
```

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

```
.background{ background-color: rgb(166,  
252, 178) }
```

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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