

Converting Colors

CIELCh(92, 46.082, 160.099)

Have a look what the booklet for
CIELCh(92, 46.082, 160.099)
contains.

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Color

CIELCh(92, 46.381, 159.693)

Conversions

Conversions Part 1

Format	Color
Hex	90FEC8
RGB	144, 254, 200
RGB Percent	56%, 100%, 78%
CMY	0.4367, 0.0053, 0.2170
CMYK	0.43, 0.00, 0.21, 0.01
HSL	151°, 98%, 78%
HSV	151°, 43%, 99%
XYZ	57.1511, 80.7044, 66.9981
YIQ	214.9540, -48.2260, -40.1140

Conversions

Conversions Part 2

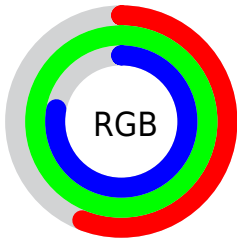
Format	Color
RYB	144, 217, 254
Decimal	9502408
CIELab	92.00, -43.50, 16.10
CIElCh	92, 46.381, 159.693
Yxy	80.7044, 0.2790, 0.3940
Android (android.graphics.Color)	4287692488 (0xFF90FEC8)
YUV	214.9540, -7.3723, -62.2267
Hunter-Lab	89.8356, -43.6554, 18.6673

Details

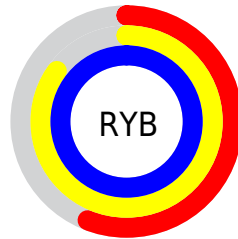
The CIELCh color **92, 46.381, 159.693** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73, 48.915, 348.692**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.489, 198.347**, and **72, 46.589, 159.641** is the 20% darker color. If you saturate the color by 10%, you get **91, 55.982, 158.290**, and if you desaturate by 10%, it is **93, 36.169, 160.931**.

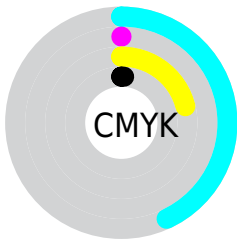
Distribution



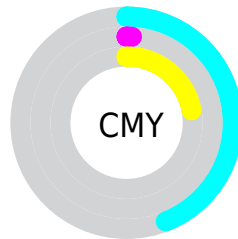
- Red (56%)
- Green (100%)
- Blue (78%)



- Red (56%)
- Yellow (85%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)





- Cyan (44%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 46.381, 159.693 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, 46.381, 159.693 by changing the saturation by 10% instead.


 92, 46.381,
159.693


 92, 46.381,
159.693


 100, 46.381,
159.693


 82, 46.381,
159.693

 72, 46.381,
159.693

 62, 46.381,
159.693

 52, 46.381,
159.693

 42, 46.381,
159.693

 32, 46.381,
159.693

 22, 46.381,

159.693

■ 12, 46.381,
159.693

■ 2, 46.381, 159.693

■ 92, 46.381,
159.693

■ 92, 46.381,
159.693

■ 91, 55.982,
158.290

■ 93, 36.169,
160.931

■ 90, 64.785,
156.698

■ 95, 25.533,
162.032

■ 89, 72.645,
154.896

■ 97, 14.652,
163.024

■ 89, 79.479,
152.875

■ 99, 3.682, 164.004

100, 0.853,

■ 88, 85.301,
150.653

324.109

■ 88, 88.722,
149.126

Harmonies

Complementary

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



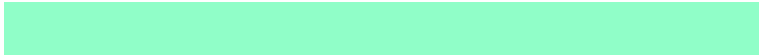
92, 46.381, 159.693



73, 48.915, 348.692

Rectangle

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



92, 46.381, 159.693



92, 46.381, 209.693



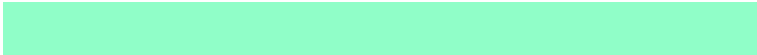
92, 46.381, 339.693



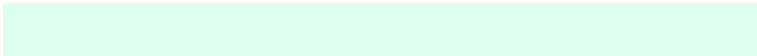
92, 46.381, 29.693

Sweetspot

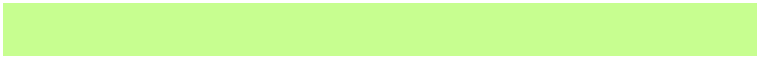
The Sweet Spot groups the original color and five complimentary colors.



92, 46.382, 159.692



97, 14.313, 163.059



94, 58.794, 127.020



52, 10.012, 162.847



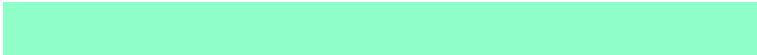
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

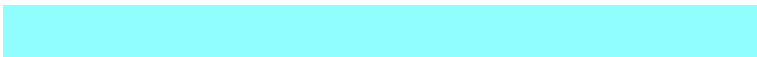
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 46.382, 159.692



91, 54.949, 158.490



93, 33.081, 197.376



52, 6.259, 163.388



68, 71.128, 149.552



23, 30.690, 152.786

Inverse Universe

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



73, 48.915, 348.692



69, 58.246, 349.995



71, 45.299, 23.950



50, 6.344, 344.914



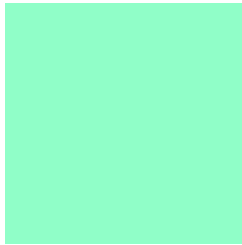
41, 68.159, 2.995



10, 31.785, 357.252

Previews

White Background



This preview shows how the CIE LCh color 92, 46.381, 159.693 looks on a white background.

Color Contrast Check

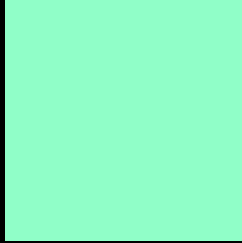
Large Text (above 18pt) WCAG AA × Fail

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, 46.381, 159.693 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

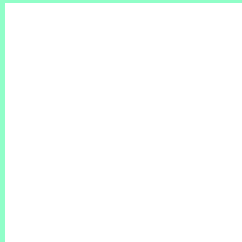
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 46.381, 159.693

Background



This preview shows how black text looks on a background with the CIELCh color 92, 46.381, 159.693.

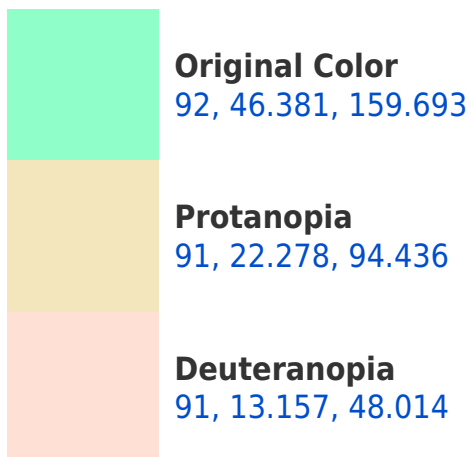



This preview shows how white text looks on a background with the CIELCh color 92, 46.381, 159.693.

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



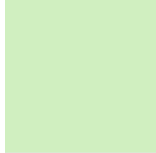


Tritanopia
92, 19.445, 220.367

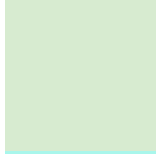
Trichromacy



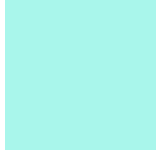
Original Color
92, 46.381, 159.693



Protanomaly
91, 26.809, 133.563

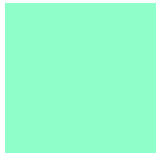


Deuteranomaly
91, 15.783, 136.507

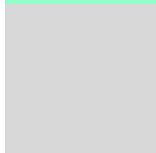


Tritanomaly
92, 25.964, 185.001

Monochromacy



Original Color
92, 46.381, 159.693



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 17.733, 162.148

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 46.381, 159.693 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(144, 254, 200)` looks like.

```
.text, #text, p{  
    color:rgb(144, 254, 200)  
}
```

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(144, 254, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 254, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 46.381, 159.693 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(144, 254, 200) }
```

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

```
.border{ border-color:rgb(144, 254, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 254, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 254, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 254, 200);  
box-shadow:4px 4px 4px 4px rgb(144, 254,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 46.381, 159.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 254, 200) }
```

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

```
.background{ background-color: rgb(144,  
254, 200) }
```

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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