

Converting Colors

CIELCh(89, 46.048, 151.602)

Have a look what the booklet for
CIELCh(89, 46.048, 151.602)
contains.

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Color

CIELCh(89, 46.078, 151.585)

Conversions

Conversions Part 1

Format	Color
Hex	97F3B4
RGB	151, 243, 180
RGB Percent	59%, 95%, 71%
CMY	0.4069, 0.0460, 0.2932
CMYK	0.38, 0.00, 0.26, 0.05
HSL	139°, 80%, 77%
HSV	139°, 38%, 95%
XYZ	53.1996, 74.1641, 54.8210
YIQ	208.3100, -34.6090, -39.0970

Conversions

Conversions Part 2

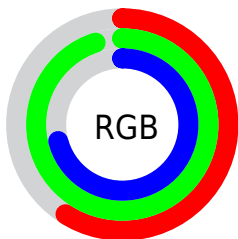
Format	Color
RYB	151, 221, 243
Decimal	9958324
CIELab	89.00, -40.53, 21.93
CIElCh	89, 46.078, 151.585
Yxy	74.1641, 0.2920, 0.4071
Android (android.graphics.Color)	4288148404 (0xFF97F3B4)
YUV	208.3100, -13.9568, -50.2609
Hunter-Lab	86.1186, -40.4396, 22.5405

Details

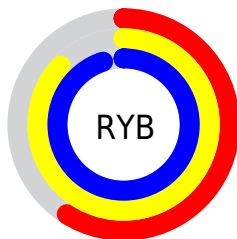
The CIELCh color **89, 46.078, 151.585** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 46.680, 337.804**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.023, 167.453**, and **69, 45.802, 151.556** is the 20% darker color. If you saturate the color by 10%, you get **88, 57.612, 150.367**, and if you desaturate by 10%, it is **91, 34.087, 152.643**.

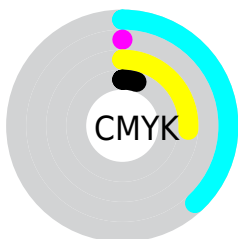
Distribution



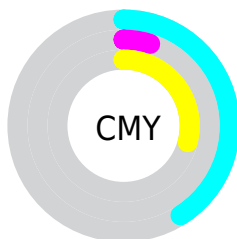
- Red (59%)
- Green (95%)
- Blue (71%)



- Red (59%)
- Yellow (87%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)



- Cyan (41%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 46.078, 151.585 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 89, 46.078, 151.585 by changing the saturation by 10% instead.


 89, 46.078,
151.585

 89, 46.078,
151.585


 100, 46.078,
151.585

 79, 46.078,
151.585

 69, 46.078,
151.585

 59, 46.078,
151.585

 49, 46.078,
151.585

 39, 46.078,
151.585


 29, 46.078,
151.585

 19, 46.078,


151.585


 9, 46.078, 151.585

 0, 46.078, 151.585


 89, 46.078,
151.585

 89, 46.078,
151.585

 88, 57.612,
150.367


 91, 34.087,
152.643

 87, 68.449,
148.968

 92, 21.852,
153.566


 86, 78.359,
147.378

 94, 9.556, 154.389


 85, 87.145,
145.599


 96, 2.651, 334.898

 85, 94.664,

 97, 7.311, 324.654

143.665

 84, 100.874,
141.657

 84, 102.093,
141.246

Harmonies

Complementary

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



89, 46.078, 151.585



74, 46.680, 337.804

Rectangle

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



89, 46.078, 151.585



89, 46.078, 201.585



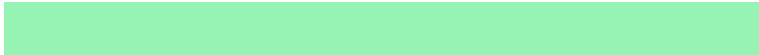
89, 46.078, 331.585



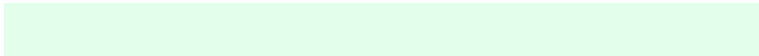
89, 46.078, 21.585

Sweetspot

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



89, 46.079, 151.585



98, 13.982, 154.132



92, 47.614, 119.598



52, 9.400, 154.022



0, 0.000, 0.000



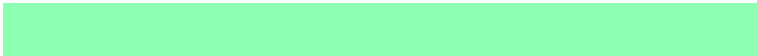
53, 0.007, 296.813

Same Dimension

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



89, 46.079, 151.585



92, 56.525, 150.714



90, 31.534, 179.611



50, 6.983, 154.256



66, 82.835, 141.604



21, 34.227, 144.868

Inverse Universe

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



74, 46.680, 337.804



73, 57.200, 338.470



72, 37.087, 7.879



48, 7.022, 335.532



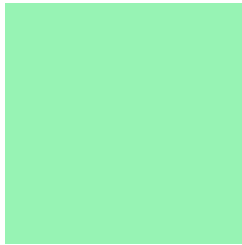
41, 72.176, 346.027



10, 32.963, 342.983

Previews

White Background



This preview shows how the CIE LCh color 89, 46.078, 151.585 looks on a white background.

Color Contrast Check

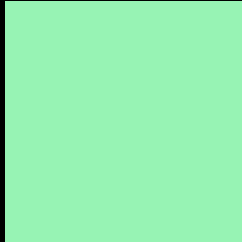
Large Text (above 18pt) WCAG AA × Fail

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 89, 46.078, 151.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

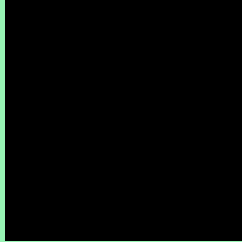
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 46.078, 151.585

Background



This preview shows how black text looks on a background with the CIELCh color 89, 46.078, 151.585.

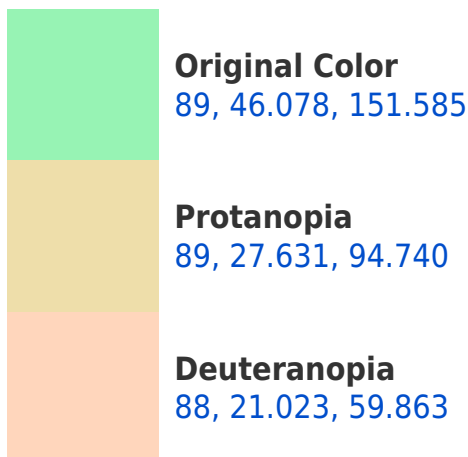



This preview shows how white text looks on a background with the CIELCh color 89, 46.078, 151.585.

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](#).

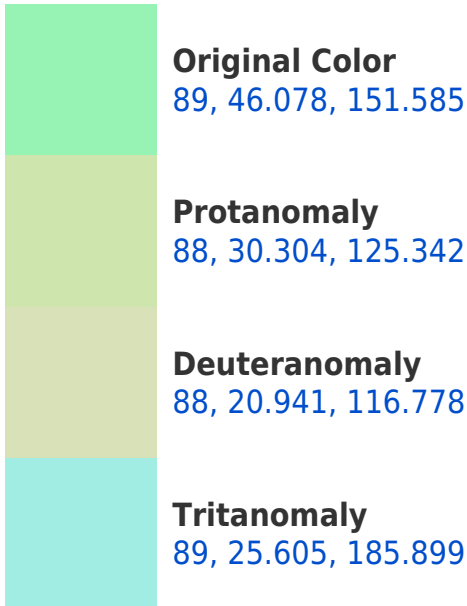
Dichromacy



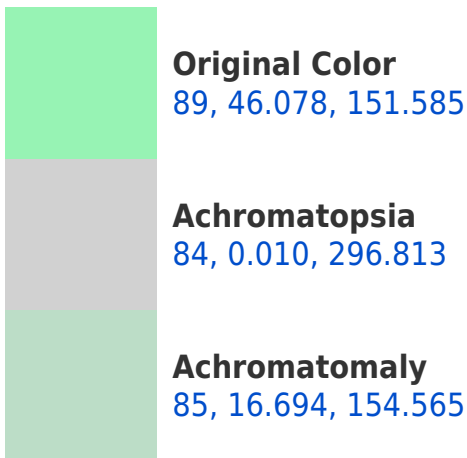


Tritanopia
89, 22.838, 224.074

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 46.078, 151.585 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(151, 243, 180)` looks like.

```
.text, #text, p{  
    color:rgb(151, 243, 180)  
}
```

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(151, 243, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 243, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 46.078, 151.585 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(151, 243, 180) }
```

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

```
.border{ border-color:rgb(151, 243, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 243, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 243, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 243, 180);  
box-shadow:4px 4px 4px 4px rgb(151, 243,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 46.078, 151.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 243, 180) }
```

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

```
.background{ background-color: rgb(151,  
243, 180) }
```

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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