

Converting Colors

CIELCh(89, 34.800, 213.387)

Have a look what the booklet for
CIELCh(89, 34.800, 213.387)
contains.

CIELCh(89, 34.766, 209.565)	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(89, 34.766, 209.565)

Conversions

Conversions Part 1

Format	Color
Hex	78F1FF
RGB	120, 241, 255
RGB Percent	47%, 95%, 100%
CMY	0.5292, 0.0547, 0.0000
CMYK	0.53, 0.05, 0.00, 0.00
HSL	186°, 100%, 74%
HSV	186°, 53%, 100%
XYZ	57.2844, 74.1641, 105.9509
YIQ	206.4170, -76.6100, -21.2980

Conversions

Conversions Part 2

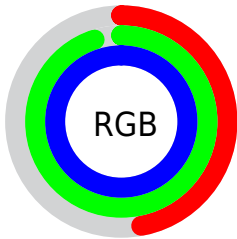
Format	Color
RYB	120, 184, 255
Decimal	7926271
CIELab	89.00, -30.24, -17.15
CIELCh	89, 34.766, 209.565
Yxy	74.1641, 0.2413, 0.3124
Android (android.graphics.Color)	4286116351 (0xFF78F1FF)
YUV	206.4170, 23.9514, -75.7877
Hunter-Lab	86.1186, -31.9729, -12.6609

Details

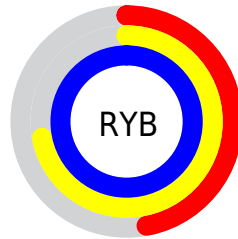
The CIELCh color **89, 34.766, 209.565** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 52.883, 32.558**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.704, 197.956**, and **69, 34.870, 208.828** is the 20% darker color. If you saturate the color by 10%, you get **87, 38.724, 210.174**, and if you desaturate by 10%, it is **91, 29.808, 209.079**.

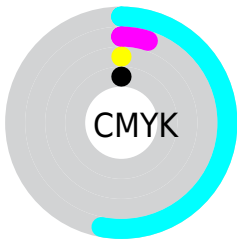
Distribution



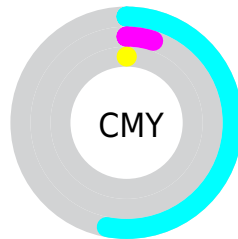
- Red (47%)
- Green (95%)
- Blue (100%)



- Red (47%)
- Yellow (72%)
- Blue (100%)



- Cyan (53%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (53%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 34.766, 209.565 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, 34.766, 209.565 by changing the saturation by 10% instead.


 89, 34.766,
209.565

 89, 34.766,
209.565


 100, 34.766,
209.565

 79, 34.766,
209.565

 69, 34.766,
209.565

 59, 34.766,
209.565

 49, 34.766,
209.565

 39, 34.766,
209.565

 29, 34.766,
209.565

 19, 34.766,

209.565

■ 9, 34.766, 209.565

■ 0, 34.766, 209.565

■ 89, 34.766,
209.565

■ 89, 34.766,
209.565

■ 87, 38.724,
210.174

■ 91, 29.808,
209.079

■ 86, 41.619,
211.108

■ 93, 23.956,
208.839

■ 85, 43.451,
212.356

■ 95, 17.339,
208.759

■ 84, 44.299,
213.954

■ 97, 10.090,
208.819

■ 83, 44.459,

■ 99, 2.338, 209.170

215.276

100, 0.012,
296.813

Harmonies

Complementary

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



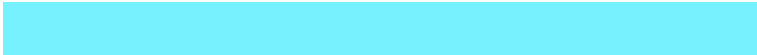
89, 34.766, 209.565



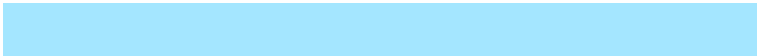
69, 52.883, 32.558

Rectangle

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



89, 34.766, 209.565



89, 34.766, 259.565



89, 34.766, 29.565



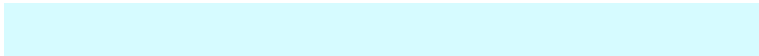
89, 34.766, 79.565

Sweetspot

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



89, 34.765, 209.511



96, 12.384, 208.785



90, 76.989, 142.586



51, 8.308, 208.770



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

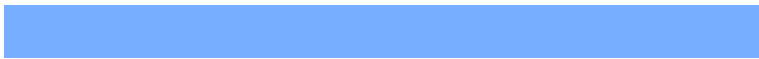
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 34.765, 209.511



87, 38.752, 210.180



71, 45.757, 275.853



52, 4.484, 208.877



64, 35.855, 214.911



21, 16.657, 212.421

Inverse Universe

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



70, 76.150, 330.482



66, 87.569, 331.039



84, 48.453, 78.194



50, 8.437, 327.904



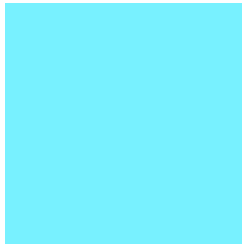
44, 85.821, 332.837



12, 39.868, 332.227

Previews

White Background



This preview shows how the CIE LCh color 89, 34.766, 209.565 looks on a white background.

Color Contrast Check

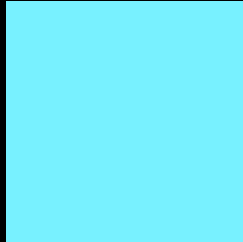
Large Text (above 18pt) WCAG AA × Fail

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, 34.766, 209.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

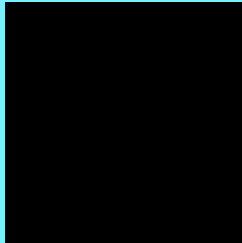
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 34.766, 209.565

Background



This preview shows how black text looks on a background with the CIELCh color 89, 34.766, 209.565.



This preview shows how white text looks on a background with the CIELCh color 89, 34.766, 209.565.

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



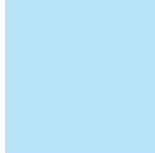


Tritanopia
89, 29.763, 215.161

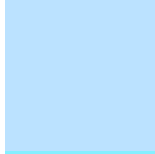
Trichromacy



Original Color
89, 34.766, 209.565



Protanomaly
88, 17.139, 234.196



Deuteranomaly
88, 19.304, 250.866

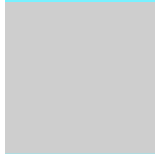


Tritanomaly
89, 31.696, 212.945

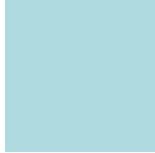
Monochromacy



Original Color
89, 34.766, 209.565



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 14.978, 208.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 34.766, 209.565 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(120, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 241, 255)  
}
```

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(120, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 241, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 34.766, 209.565 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(120, 241, 255) }
```

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

```
.border{ border-color:rgb(120, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(120, 241,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 34.766, 209.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 241, 255) }
```

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

```
.background{ background-color: rgb(120,  
241, 255) }
```

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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