

Converting Colors

CIELCh(89, 34.400, 208.625)

Have a look what the booklet for
CIELCh(89, 34.400, 208.625)
contains.

CIELCh(89, 34.365, 208.823)	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, 34.365, 208.823)

Conversions

Conversions Part 1

Format	Color
Hex	7AF1FE
RGB	122, 241, 254
RGB Percent	48%, 95%, 100%
CMY	0.5218, 0.0551, 0.0041
CMYK	0.52, 0.05, 0.00, 0.00
HSL	186°, 98%, 74%
HSV	186°, 52%, 100%
XYZ	57.3380, 74.1641, 105.0133
YIQ	206.9010, -75.0970, -21.1850

Conversions

Conversions Part 2

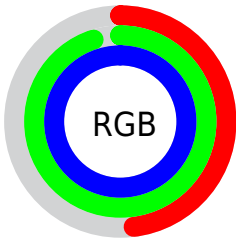
Format	Color
R _Y B	122, 185, 254
Decimal	8057342
CIE Lab	89.00, -30.11, -16.57
CIE LCh	89, 34.365, 208.823
Yxy	74.1641, 0.2424, 0.3136
Android (android.graphics.Color)	4286247422 (0xFF7AF1FE)
YUV	206.9010, 23.2198, -74.4582
Hunter-Lab	86.1186, -31.8618, -12.0154

Details

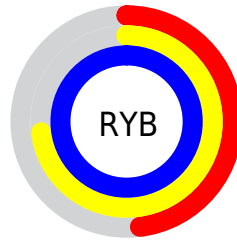
The CIELCh color **89, 34.365, 208.823** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 51.779, 32.075**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.133, 197.991**, and **69, 34.418, 208.058** is the 20% darker color. If you saturate the color by 10%, you get **88, 38.422, 209.410**, and if you desaturate by 10%, it is **91, 29.316, 208.449**.

Distribution



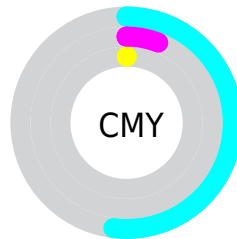
- Red (48%)
- Green (95%)
- Blue (100%)



- Red (48%)
- Yellow (73%)
- Blue (100%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (6%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 34.365, 208.823 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, 34.365, 208.823 by changing the saturation by 10% instead.


 89, 34.365,
208.823

 89, 34.365,
208.823


 100, 34.365,
208.823


 79, 34.365,
208.823

 69, 34.365,
208.823

 59, 34.365,
208.823

 49, 34.365,
208.823

 39, 34.365,
208.823


 29, 34.365,
208.823


 19, 34.365,


208.823


 9, 34.365, 208.823


 0, 34.365, 208.823


 89, 34.365,
208.823

 89, 34.365,
208.823


 88, 38.422,
209.410


 91, 29.316,
208.449

 86, 41.420,
210.256

 93, 23.383,
208.259

 85, 43.349,
211.398

 95, 16.696,
208.220

 84, 44.281,
212.871

 97, 9.389, 208.319

 84, 44.480,

 99, 1.591, 208.827

214.273

100, 0.523,
109.991

Harmonies

Complementary

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



89, 34.365, 208.823



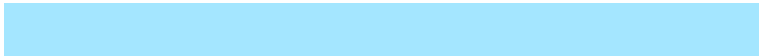
69, 51.779, 32.075

Rectangle

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



89, 34.365, 208.823



89, 34.365, 258.823



89, 34.365, 28.823



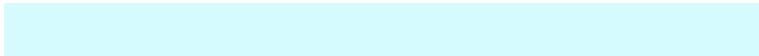
89, 34.365, 78.823

Sweetspot

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



89, 34.365, 208.821



96, 12.435, 208.262



90, 76.362, 142.240



51, 8.342, 208.242



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

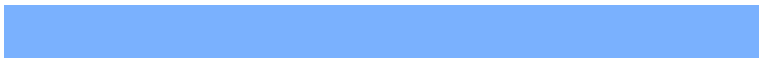
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 34.365, 208.821



88, 38.555, 209.413



71, 43.752, 274.087



52, 4.502, 208.369



65, 35.985, 213.933



21, 16.719, 211.582

Inverse Universe

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



70, 74.983, 330.262



67, 86.816, 330.809



84, 46.996, 76.809



50, 8.466, 327.755



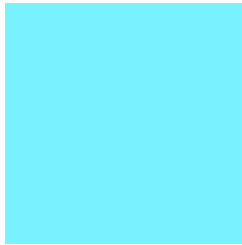
44, 86.148, 332.597



12, 40.002, 332.021

Previews

White Background



This preview shows how the CIE LCh color 89, 34.365, 208.823 looks on a white background.

Color Contrast Check

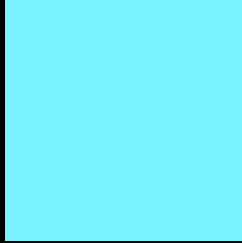
Large Text (above 18pt) WCAG AA × Fail

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, 34.365, 208.823 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, 34.365, 208.823

Background



This preview shows how black text looks on a background with the CIELCh color 89, 34.365, 208.823.



This preview shows how white text looks on a background with the CIELCh color 89, 34.365, 208.823.

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



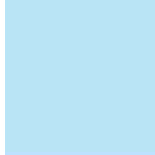


Tritanopia
89, 29.537, 215.311

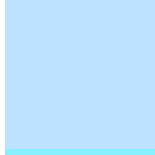
Trichromacy



Original Color
89, 34.365, 208.823



Protanomaly
88, 16.635, 233.225



Deuteranomaly
88, 19.118, 251.585

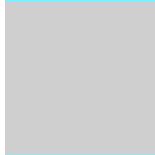


Tritanomaly
89, 31.263, 213.188

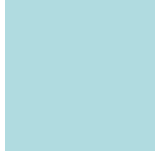
Monochromacy



Original Color
89, 34.365, 208.823



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 14.668, 208.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 34.365, 208.823 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(122, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(122, 241, 254)  
}
```

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(122, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 241, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 34.365, 208.823 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(122, 241, 254) }
```

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

```
.border{ border-color:rgb(122, 241, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(122, 241,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 34.365, 208.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 241, 254) }
```

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

```
.background{ background-color: rgb(122,  
241, 254) }
```

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