

Converting Colors

CIELCh(88, 39.929, 207.091)

Have a look what the booklet for
CIELCh(88, 39.929, 207.091)
contains.

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Color

CIELCh(88, 39.964, 206.878)

Conversions

Conversions Part 1

Format	Color
Hex	5AF1FE
RGB	90, 241, 254
RGB Percent	35%, 95%, 100%
CMY	0.6482, 0.0558, 0.0049
CMYK	0.65, 0.05, 0.00, 0.00
HSL	185°, 99%, 67%
HSV	185°, 65%, 100%
XYZ	53.4205, 72.0653, 104.6561
YIQ	197.3330, -94.1690, -27.9690

Conversions

Conversions Part 2

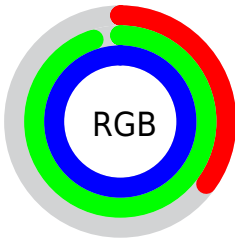
Format	Color
R_{YB}	90, 169, 254
Decimal	5960190
CIE _{Lab}	88.00, -35.65, -18.07
CIE _{LCh}	88, 39.964, 206.878
Yxy	72.0653, 0.2321, 0.3131
Android (android.graphics.Color)	4284150270 (0xFF5AF1FE)
YUV	197.3330, 27.9368, -94.1310
Hunter-Lab	84.8913, -36.2330, -13.6704

Details

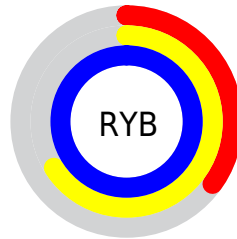
The CIELCh color **88, 39.964, 206.878** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **63, 67.782, 33.119**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 30.155, 197.561**, and **68, 37.909, 207.653** is the 20% darker color. If you saturate the color by 10%, you get **87, 42.718, 207.552**, and if you desaturate by 10%, it is **89, 36.125, 206.423**.

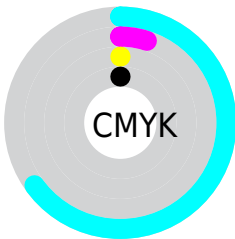
Distribution



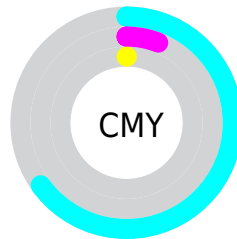
- Red (35%)
- Green (95%)
- Blue (100%)



- Red (35%)
- Yellow (66%)
- Blue (100%)



- Cyan (65%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)




- Cyan (65%)
- Magenta (6%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 39.964, 206.878 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 88, 39.964, 206.878 by changing the saturation by 10% instead.


 88, 39.964,
206.878

 88, 39.964,
206.878


 100, 39.964,
206.878


 78, 39.964,
206.878

 68, 39.964,
206.878

 58, 39.964,
206.878

 48, 39.964,
206.878

 38, 39.964,
206.878

 28, 39.964,
206.878

 18, 39.964,

206.878

■ 8, 39.964, 206.878

■ 0, 39.964, 206.878

■ 88, 39.964,
206.878

■ 88, 39.964,
206.878

■ 87, 42.718,
207.552

■ 89, 36.125,
206.423

■ 86, 44.400,
208.477

■ 91, 31.256,
206.160

■ 85, 45.104,
209.673

■ 92, 25.457,
206.060

■ 85, 45.203,
210.403

■ 94, 18.854,
206.097

■ 96, 11.582,

206.256

■ 98, 3.776, 206.598

100, 0.537,
103.777

100, 0.618,
110.007

Harmonies

Complementary

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



88, 39.964, 206.878



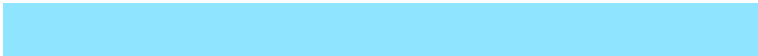
63, 67.782, 33.119

Rectangle

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



88, 39.964, 206.878



88, 39.964, 256.878



88, 39.964, 26.878



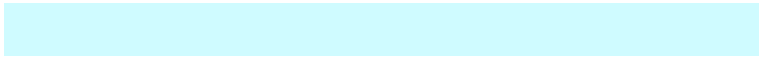
88, 39.964, 76.878

Sweetspot

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



88, 39.963, 206.877



96, 14.877, 206.172



89, 92.946, 140.192



51, 10.141, 206.129



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 39.963, 206.877



87, 43.563, 207.834



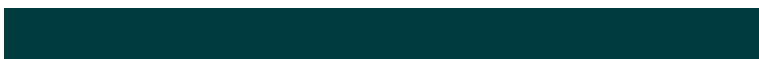
66, 53.172, 276.593



52, 4.579, 206.391



66, 36.591, 210.141



22, 16.994, 208.325

Inverse Universe

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



65, 90.334, 330.254



62, 101.639, 330.860



79, 58.728, 73.366



50, 8.580, 327.175



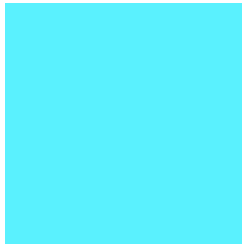
45, 87.460, 331.669



12, 40.539, 331.223

Previews

White Background



This preview shows how the CIE LCh color 88, 39.964, 206.878 looks on a white background.

Color Contrast Check

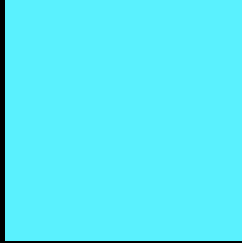
Large Text (above 18pt) WCAG AA × Fail

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 88, 39.964, 206.878 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 88, 39.964, 206.878

Background



This preview shows how black text looks on a background with the CIELCh color 88, 39.964, 206.878.

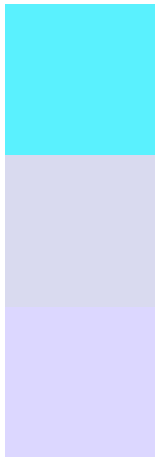


This preview shows how white text looks on a background with the CIELCh color 88, 39.964, 206.878.

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](#).

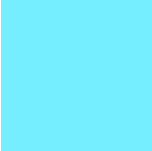
Dichromacy



Original Color
88, 39.964, 206.878

Protanopia
88, 10.987, 289.293

Deuteranopia
88, 21.050, 296.453

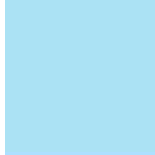


Tritanopia
88, 34.766, 212.303

Trichromacy



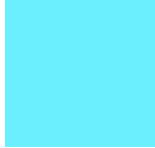
Original Color
88, 39.964, 206.878



Protanomaly
87, 19.695, 227.175



Deuteranomaly
87, 22.339, 245.615

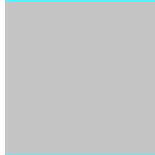


Tritanomaly
88, 36.784, 210.487

Monochromacy



Original Color
88, 39.964, 206.878



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 18.360, 206.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 39.964, 206.878 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(90, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(90, 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(90, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 241, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 39.964, 206.878 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(90, 241, 254) }
```

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

```
.border{ border-color:rgb(90, 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(90, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(90, 241,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 39.964, 206.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 241, 254) }
```

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

```
.background{ background-color: rgb(90, 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](#).

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