

Converting Colors

CIELCh(88, 48.589, 196.381)

Have a look what the booklet for
CIELCh(88, 48.589, 196.381)
contains.

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Color

CIELCh(88, 48.556, 196.390)

Conversions

Conversions Part 1	
Format	Color
Hex	05F5F5
RGB	5, 245, 245
RGB Percent	2%, 96%, 96%
CMY	0.9821, 0.0384, 0.0384
CMYK	0.98, 0.00, 0.00, 0.04
HSL	180°, 96%, 49%
HSV	180°, 98%, 96%
XYZ	49.2846, 72.0653, 97.8634
YIQ	173.2400, -143.0400, -50.8800

Conversions

Conversions Part 2

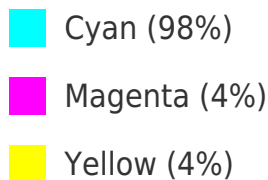
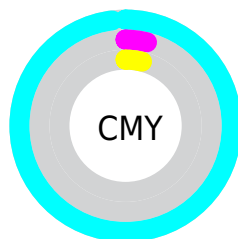
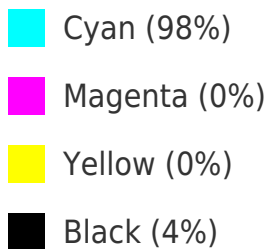
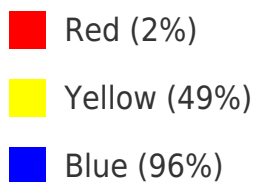
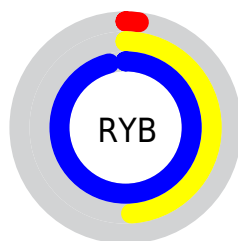
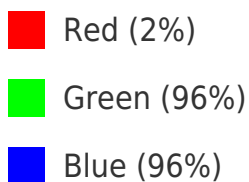
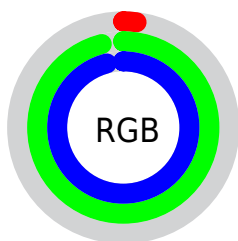
Format	Color
RYB	5, 125, 245
Decimal	390645
CIELab	88.00, -46.58, -13.70
CIELCh	88, 48.556, 196.390
Yxy	72.0653, 0.2248, 0.3287
Android (android.graphics.Color)	4278580725 (0xFF05F5F5)
YUV	173.2400, 35.3777, -147.5465
Hunter-Lab	84.8913, -44.9295, -8.9261

Details

The CIELCh color **88, 48.556, 196.390** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **51, 100.548, 39.602**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.681, 197.050**, and **69, 39.707, 197.206** is the 20% darker color. If you saturate the color by 10%, you get **88, 48.652, 196.383**, and if you desaturate by 10%, it is **88, 47.794, 196.434**.


Distribution




Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 48.556, 196.390 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, 48.556, 196.390 by changing the saturation by 10% instead.


 88, 48.556,
196.390


 88, 48.556,
196.390


 100, 48.556,
196.390


 78, 48.556,
196.390

 68, 48.556,
196.390

 58, 48.556,
196.390

 48, 48.556,
196.390

 38, 48.556,
196.390

 28, 48.556,
196.390

 18, 48.556,


196.390

 8, 48.556, 196.390


 0, 48.556, 196.390

 88, 48.556,
196.390


 88, 48.556,
196.390

 88, 48.652,
196.383

 88, 47.794,
196.434


 88, 46.145,
196.532


 89, 43.460,
196.692


 89, 39.692,
196.918

 90, 34.861,

197.213

 91, 29.043,
197.573

 92, 22.350,
197.996

 94, 14.917,
198.481

 95, 6.885, 199.048

Harmonies

Complementary

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



88, 48.556, 196.390



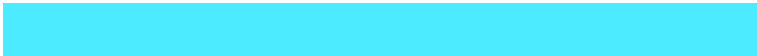
51, 100.548, 39.602

Rectangle

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



88, 48.556, 196.390



88, 48.556, 246.390



88, 48.556, 16.390



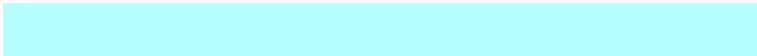
88, 48.556, 66.390

Sweetspot

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



88, 48.555, 196.389



95, 23.690, 197.955



85, 115.816, 136.020



50, 15.976, 197.769



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, 48.555, 196.389



91, 50.116, 196.383



54, 67.691, 282.426



50, 4.783, 198.963



69, 39.561, 196.383



22, 17.589, 196.384

Inverse Universe

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



51, 100.548, 39.602



53, 104.575, 40.000



64, 82.736, 59.020



48, 5.080, 19.939



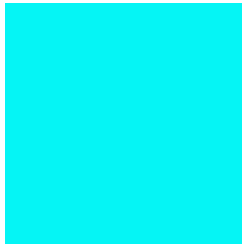
39, 82.550, 39.999



8, 31.024, 25.006

Previews

White Background



This preview shows how the CIE LCh color 88, 48.556, 196.390 looks on a white background.

Color Contrast Check

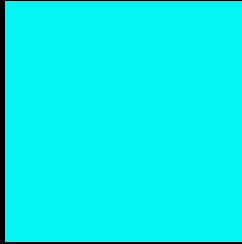
Large Text (above 18pt) WCAG AA × Fail

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, 48.556, 196.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

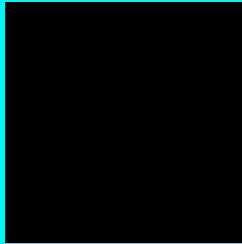
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 48.556, 196.390

Background



This preview shows how black text looks on a background with the CIELCh color 88, 48.556, 196.390.



This preview shows how white text looks on a background with the CIELCh color 88, 48.556, 196.390.

Color Blindness Simulation

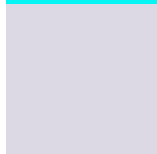
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



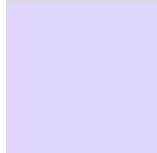
Original Color

88, 48.513, 196.393



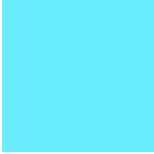
Protanopia

87, 5.875, 301.058



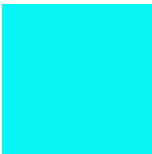
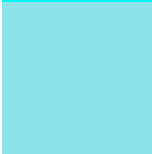
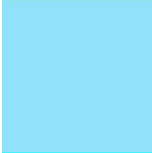
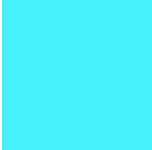
Deuteranopia

87, 20.846, 302.123



Tritanopia
88, 36.595, 211.437

Trichromacy

	Original Color 88, 48.513, 196.393
	Protanomaly 85, 26.570, 205.720
	Deuteranomaly 85, 27.154, 227.194
	Tritanomaly 88, 42.747, 203.890

Monochromacy

	Original Color 88, 48.513, 196.393
	Achromatopsia 71, 0.009, 296.813
	Achromatomaly 75, 27.425, 197.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 48.556, 196.390 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(5, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(5, 245, 245)  
}
```

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(5, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 245, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 48.556, 196.390 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(5, 245, 245) }
```

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

```
.border{ border-color:rgb(5, 245, 245) }
```

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

Here you see how a box with a 4 pixel rgb(5, 245, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(5, 245,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 48.556, 196.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 245, 245) }
```

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

```
.background{ background-color: rgb(5, 245,  
245) }
```

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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