

Converting Colors

CIELCh(88, 39.375, 196.867)

Have a look what the booklet for
CIELCh(88, 39.375, 196.867)
contains.

CIELCh(88, 39.305, 196.913)	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(88, 39.305, 196.913)

Conversions

Conversions Part 1

Format	Color
Hex	64F1F1
RGB	100, 241, 241
RGB Percent	39%, 95%, 95%
CMY	0.6072, 0.0544, 0.0544
CMYK	0.58, 0.00, 0.00, 0.05
HSL	180°, 84%, 67%
HSV	180°, 58%, 95%
XYZ	52.6636, 72.0653, 94.4559
YIQ	198.8410, -84.0360, -29.8920

Conversions

Conversions Part 2

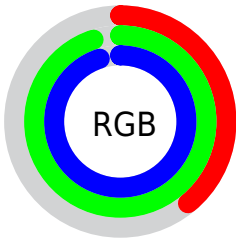
Format	Color
RYB	100, 171, 241
Decimal	6615537
CIELab	88.00, -37.60, -11.43
CIELCh	88, 39.305, 196.913
Yxy	72.0653, 0.2403, 0.3288
Android (android.graphics.Color)	4284805617 (0xFF64F1F1)
YUV	198.8410, 20.7844, -86.6836
Hunter-Lab	84.8913, -37.8246, -6.5463

Details

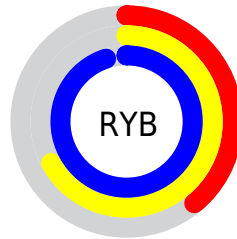
The CIELCh color **88, 39.305, 196.913** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **61, 61.029, 27.215**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 28.352, 197.670**, and **68, 39.074, 197.223** is the 20% darker color. If you saturate the color by 10%, you get **87, 42.994, 196.687**, and if you desaturate by 10%, it is **89, 34.567, 197.204**.

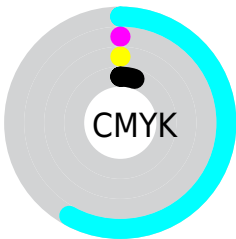
Distribution



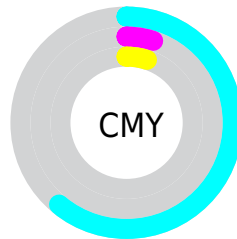
- Red (39%)
- Green (95%)
- Blue (95%)



- Red (39%)
- Yellow (67%)
- Blue (95%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)





- Cyan (61%)
- Magenta (5%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 39.305, 196.913 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, 39.305, 196.913 by changing the saturation by 10% instead.


 88, 39.305,
196.913


 88, 39.305,
196.913


 100, 39.305,
196.913


 78, 39.305,
196.913


 68, 39.305,
196.913

 58, 39.305,
196.913

 48, 39.305,
196.913

 38, 39.305,
196.913


 28, 39.305,
196.913


 18, 39.305,

196.913

 8, 39.305, 196.913


 0, 39.305, 196.913


 88, 39.305,
196.913

 88, 39.305,
196.913


 87, 42.994,
196.687

 89, 34.567,
197.204

 87, 45.616,
196.529

 90, 28.854,
197.562

 87, 47.219,
196.432

 91, 22.274,
197.983

 87, 47.958,
196.388

 92, 14.961,
198.466

 87, 48.039,

 94, 7.054, 199.028

196.383

 95, 1.312, 19.007

 96, 4.944, 19.604

 96, 4.944, 19.601

 96, 4.944, 19.598

Harmonies

Complementary

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



88, 39.305, 196.913



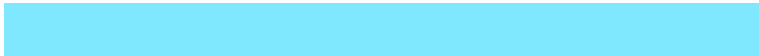
61, 61.029, 27.215

Rectangle

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



88, 39.305, 196.913



88, 39.305, 246.913



88, 39.305, 16.913



88, 39.305, 66.913

Sweetspot

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



88, 39.305, 196.911



97, 15.282, 198.487



85, 85.233, 139.063



51, 10.520, 198.339



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, 39.305, 196.911



92, 45.410, 196.654



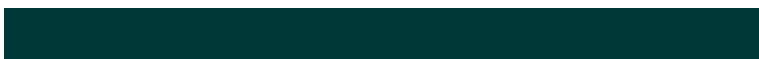
69, 40.995, 265.734



49, 4.701, 198.965



68, 39.158, 196.383



21, 17.094, 196.384

Inverse Universe

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



61, 61.029, 27.215



59, 77.877, 30.722



75, 49.644, 66.380



47, 4.993, 19.937



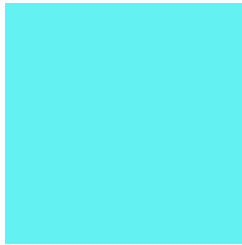
38, 81.702, 39.994



8, 29.836, 23.806

Previews

White Background



This preview shows how the CIE LCh color 88, 39.305, 196.913 looks on a white background.

Color Contrast Check

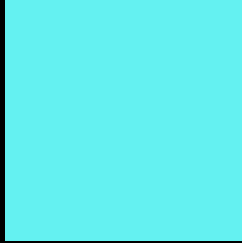
Large Text (above 18pt) WCAG AA × Fail

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, 39.305, 196.913 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

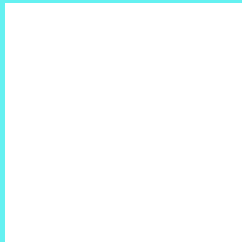
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 39.305, 196.913

Background



This preview shows how black text looks on a background with the CIELCh color 88, 39.305, 196.913.

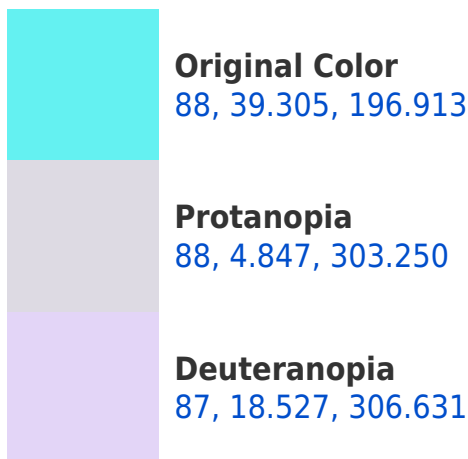


This preview shows how white text looks on a background with the CIELCh color 88, 39.305, 196.913.

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



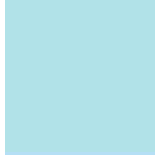


Tritanopia
88, 33.818, 213.736

Trichromacy



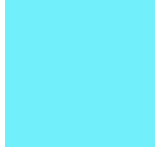
Original Color
88, 39.305, 196.913



Protanomaly
87, 16.495, 209.412



Deuteranomaly
87, 17.555, 239.993

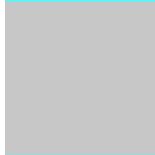


Tritanomaly
88, 35.730, 206.564

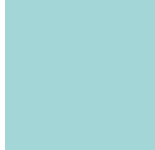
Monochromacy



Original Color
88, 39.305, 196.913



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 17.228, 198.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 39.305, 196.913 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(100, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(100, 241, 241)  
}
```

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(100, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 241, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 39.305, 196.913 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(100, 241, 241) }
```

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

```
.border{ border-color:rgb(100, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(100, 241,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 39.305, 196.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 241, 241) }
```

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

```
.background{ background-color: rgb(100,  
241, 241) }
```

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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