

Converting Colors

CIELCh(88, 38.967, 179.862)

Have a look what the booklet for
CIELCh(88, 38.967, 179.862)
contains.

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Color

CIELCh(88, 39.057, 179.655)

Conversions

Conversions Part 1

Format	Color
Hex	79F1DB
RGB	121, 241, 219
RGB Percent	47%, 95%, 86%
CMY	0.5256, 0.0550, 0.1413
CMYK	0.50, 0.00, 0.09, 0.06
HSL	169°, 81%, 71%
HSV	169°, 50%, 94%
XYZ	52.1072, 72.0653, 78.1585
YIQ	202.6120, -64.4580, -32.2820

Conversions

Conversions Part 2

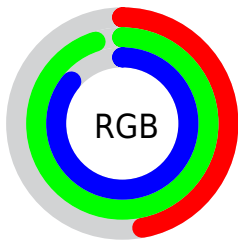
Format	Color
RYB	121, 187, 241
Decimal	7991771
CIELab	88.00, -39.06, 0.24
CIELCh	88, 39.057, 179.655
Yxy	72.0653, 0.2575, 0.3562
Android (android.graphics.Color)	4286181851 (0xFF79F1DB)
YUV	202.6120, 8.0793, -71.5737
Hunter-Lab	84.8913, -38.9945, 4.8362

Details

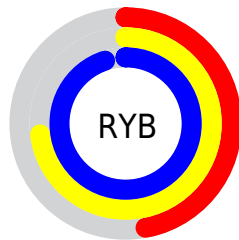
The CIELCh color **88, 39.057, 179.655** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **65, 49.160, 11.518**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.987, 197.938**, and **68, 38.872, 179.754** is the 20% darker color. If you saturate the color by 10%, you get **87, 44.880, 178.450**, and if you desaturate by 10%, it is **89, 32.371, 180.762**.

Distribution



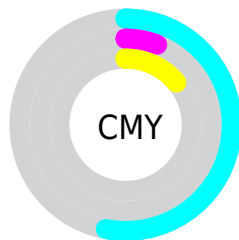
- Red (47%)
- Green (95%)
- Blue (86%)



- Red (47%)
- Yellow (73%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)





- Cyan (53%)
- Magenta (6%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 39.057, 179.655 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, 39.057, 179.655 by changing the saturation by 10% instead.


 88, 39.057,
179.655


 88, 39.057,
179.655


 100, 39.057,
179.655


 78, 39.057,
179.655

 68, 39.057,
179.655

 58, 39.057,
179.655

 48, 39.057,
179.655

 38, 39.057,
179.655


 28, 39.057,
179.655


 18, 39.057,

179.655


 8, 39.057, 179.655


 0, 39.057, 179.655


 88, 39.057,
179.655


 88, 39.057,
179.655


 87, 44.880,
178.450


 89, 32.371,
180.762

 86, 49.736,
177.129

 90, 24.957,
181.797

 86, 53.580,
175.667

 92, 16.963,
182.778

 86, 56.441,
174.044

 93, 8.538, 183.733

 85, 58.505,

 95, 0.182, 1.292

172.279

96, 5.500, 354.917

85, 58.544,
172.244

96, 6.764, 337.326

97, 8.457, 326.053

97, 8.744, 324.710

Harmonies

Complementary

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



88, 39.057, 179.655



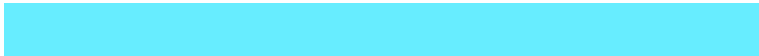
65, 49.160, 11.518

Rectangle

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



88, 39.057, 179.655



88, 39.057, 229.655



88, 39.057, 359.655



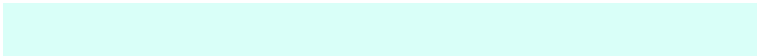
88, 39.057, 49.655

Sweetspot

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



88, 39.057, 179.653



97, 13.573, 183.231



87, 70.191, 135.883



52, 9.225, 183.030



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, 39.057, 179.653



92, 47.058, 178.402



78, 30.183, 238.088



49, 4.932, 183.764



67, 47.556, 172.575



20, 20.109, 175.342

Inverse Universe

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



65, 49.160, 11.518



64, 62.266, 14.199



72, 41.988, 49.055



47, 5.131, 5.346



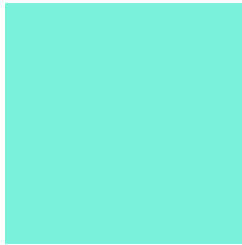
38, 73.395, 30.650



8, 29.052, 16.292

Previews

White Background



This preview shows how the CIE LCh color 88, 39.057, 179.655 looks on a white background.

Color Contrast Check

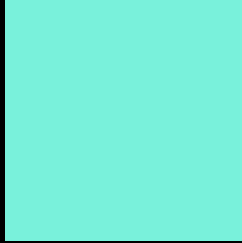
Large Text (above 18pt) WCAG AA × Fail

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, 39.057, 179.655 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, 39.057, 179.655

Background



This preview shows how black text looks on a background with the CIELCh color 88, 39.057, 179.655.

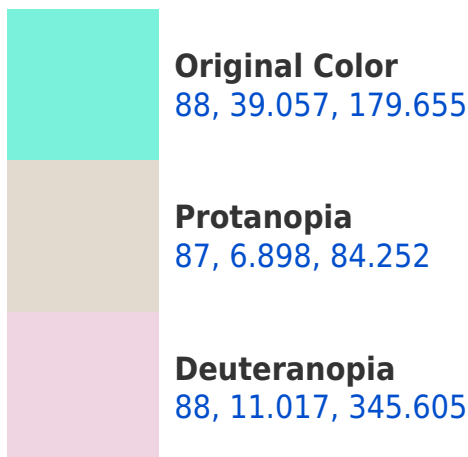


This preview shows how white text looks on a background with the CIELCh color 88, 39.057, 179.655.

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, 31.417, 216.189

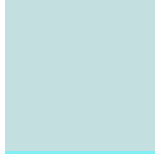
Trichromacy



Original Color
88, 39.057, 179.655



Protanomaly
87, 15.646, 168.210



Deuteranomaly
87, 9.719, 198.788

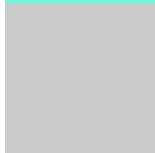


Tritanomaly
88, 32.703, 201.027

Monochromacy



Original Color
88, 39.057, 179.655



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 15.933, 182.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 39.057, 179.655 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(121, 241, 219)` looks like.

```
.text, #text, p{  
    color:rgb(121, 241, 219)  
}
```

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(121, 241, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 241, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 39.057, 179.655 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(121, 241, 219) }
```

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

```
.border{ border-color:rgb(121, 241, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 241, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 241, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 241, 219);  
box-shadow:4px 4px 4px 4px rgb(121, 241,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 39.057, 179.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 241, 219) }
```

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

```
.background{ background-color: rgb(121,  
241, 219) }
```

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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