

Converting Colors

CIELCh(88, 54.130, 170.280)

Have a look what the booklet for
CIELCh(88, 54.130, 170.280)
contains.

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Color

CIELCh(88, 54.196, 170.263)

Conversions

Conversions Part 1

Format	Color
Hex	4DF7CA
RGB	77, 247, 202
RGB Percent	30%, 97%, 79%
CMY	0.6966, 0.0332, 0.2096
CMYK	0.69, 0.00, 0.18, 0.03
HSL	164°, 91%, 64%
HSV	164°, 69%, 97%
XYZ	46.8123, 72.0653, 67.0383
YIQ	191.0400, -86.8750, -50.0350

Conversions

Conversions Part 2

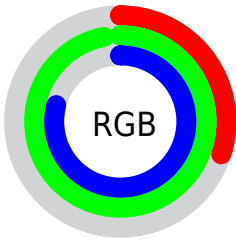
Format	Color
RYB	77, 175, 247
Decimal	5109706
CIELab	88.00, -53.42, 9.17
CIELCh	88, 54.196, 170.263
Yxy	72.0653, 0.2518, 0.3876
Android (android.graphics.Color)	4283299786 (0xFF4DF7CA)
YUV	191.0400, 5.4033, -100.0131
Hunter-Lab	84.8913, -50.1280, 12.6028

Details

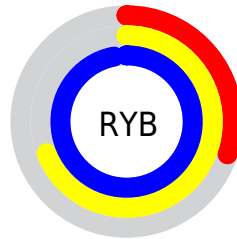
The CIELCh color **88, 54.196, 170.263** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **58, 68.090, 10.415**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.085, 197.384**, and **69, 51.219, 168.726** is the 20% darker color. If you saturate the color by 10%, you get **87, 59.052, 168.550**, and if you desaturate by 10%, it is **89, 48.348, 171.795**.

Distribution



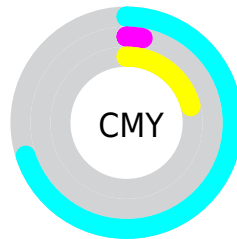
- Red (30%)
- Green (97%)
- Blue (79%)



- Red (30%)
- Yellow (69%)
- Blue (97%)



- Cyan (69%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)



- Cyan (70%)
- Magenta (3%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 54.196, 170.263 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, 54.196, 170.263 by changing the saturation by 10% instead.


 88, 54.196,
170.263


 88, 54.196,
170.263


 100, 54.196,
170.263

 78, 54.196,
170.263

 68, 54.196,
170.263

 58, 54.196,
170.263

 48, 54.196,
170.263

 38, 54.196,
170.263

 28, 54.196,
170.263


 18, 54.196,


170.263

 8, 54.196, 170.263

 0, 54.196, 170.263


 88, 54.196,
170.263


 88, 54.196,
170.263


 87, 59.052,
168.550


 89, 48.348,
171.795

 87, 62.922,
166.642

 90, 41.573,
173.173

 87, 65.947,
164.557

 91, 33.995,
174.421

 87, 66.340,
164.269

 92, 25.764,
175.564

 94, 17.039,

176.625

 95, 7.972, 177.641

 97, 1.300, 358.048

 98, 4.861, 327.984

 98, 5.276, 324.567

Harmonies

Complementary

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



88, 54.196, 170.263



58, 68.090, 10.415

Rectangle

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



88, 54.196, 170.263



88, 54.196, 220.263



88, 54.196, 350.263



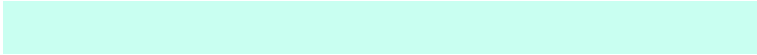
88, 54.196, 40.263

Sweetspot

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



88, 54.196, 170.262



96, 19.690, 176.374



87, 92.626, 133.201



51, 13.269, 176.083



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, 54.196, 170.262



90, 62.099, 167.898



78, 37.727, 232.007



50, 5.227, 177.552



67, 53.409, 164.667



21, 22.700, 167.833

Inverse Universe

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



58, 68.090, 10.415



56, 80.139, 15.809



64, 64.988, 43.662



48, 5.391, 359.217



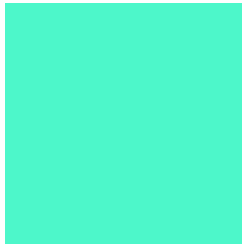
39, 70.472, 24.154



9, 29.766, 13.283

Previews

White Background



This preview shows how the CIE LCh color 88, 54.196, 170.263 looks on a white background.

Color Contrast Check

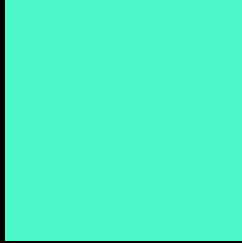
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 54.196, 170.263 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

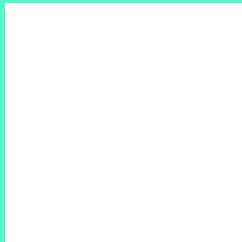
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 54.196, 170.263

Background



This preview shows how black text looks on a background with the CIELCh color 88, 54.196, 170.263.

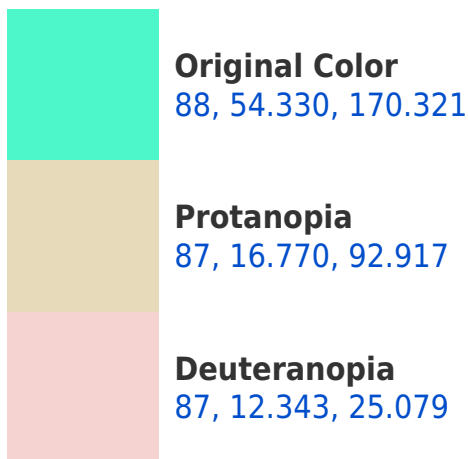


This preview shows how white text looks on a background with the CIELCh color 88, 54.196, 170.263.

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



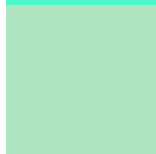


Tritanopia
88, 34.207, 213.523

Trichromacy



Original Color
88, 54.330, 170.321



Protanomaly
86, 26.928, 153.315

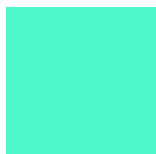


Deuteranomaly
86, 17.442, 165.429



Tritanomaly
88, 38.882, 193.797

Monochromacy



Original Color
88, 54.330, 170.321



Achromatopsia
77, 0.009, 296.813



Achromatomaly
80, 22.887, 175.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 54.196, 170.263 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(77, 247, 202)` looks like.

```
.text, #text, p{  
    color:rgb(77, 247, 202)  
}
```

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(77, 247, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 247, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 54.196, 170.263 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(77, 247, 202) }
```

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

```
.border{ border-color:rgb(77, 247, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 247, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 247, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 247, 202);  
box-shadow:4px 4px 4px 4px rgb(77, 247,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 54.196, 170.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 247, 202) }
```

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

```
.background{ background-color: rgb(77, 247,  
202) }
```

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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