

Converting Colors

CIELCh(88, 54.726, 172.880)

Have a look what the booklet for
CIELCh(88, 54.726, 172.880)
contains.

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Color

CIELCh(88, 54.683, 172.835)

Conversions

Conversions Part 1

Format	Color
Hex	40F7CE
RGB	64, 247, 206
RGB Percent	25%, 97%, 81%
CMY	0.7490, 0.0314, 0.1922
CMYK	0.74, 0.00, 0.17, 0.03
HSL	167°, 92%, 61%
HSV	167°, 74%, 97%
XYZ	46.5139, 72.0653, 69.8491
YIQ	187.6090, -95.9070, -51.5470

Conversions

Conversions Part 2

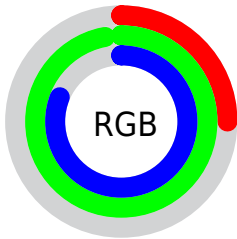
Format	Color
RYB	64, 167, 247
Decimal	4257742
CIELab	88.00, -54.26, 6.82
CIELCh	88, 54.683, 172.835
Yxy	72.0653, 0.2469, 0.3825
Android (android.graphics.Color)	4282447822 (0xFF40F7CE)
YUV	187.6090, 9.0668, -108.4051
Hunter-Lab	84.8913, -50.7554, 10.6397




Details

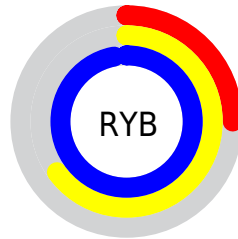
The CIELCh color **88, 54.683, 172.835** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **57, 73.126, 15.796**, and the grayscale version is **76, 0.009, 296.813**.




A 20% lighter version of the original color is **93, 34.920, 197.274**, and **69, 49.856, 170.806** is the 20% darker color. If you saturate the color by 10%, you get **88, 58.563, 171.139**, and if you desaturate by 10%, it is **89, 49.787, 174.356**.

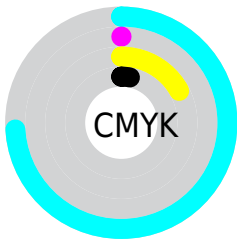
Distribution







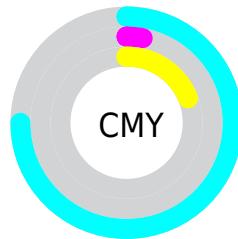
-  Red (25%)
-  Green (97%)
-  Blue (81%)






-  Red (25%)
-  Yellow (65%)
-  Blue (97%)



-  Cyan (74%)
-  Magenta (0%)
-  Yellow (17%)
-  Black (3%)





-  Cyan (75%)
-  Magenta (3%)
-  Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 54.683, 172.835 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, 54.683, 172.835 by changing the saturation by 10% instead.


 88, 54.683,
172.835


 88, 54.683,
172.835


 100, 54.683,
172.835


 78, 54.683,
172.835

 68, 54.683,
172.835

 58, 54.683,
172.835

 48, 54.683,
172.835

 38, 54.683,
172.835


 28, 54.683,
172.835


 18, 54.683,


172.835

 8, 54.683, 172.835


 0, 54.683, 172.835

 88, 54.683,
172.835


 88, 54.683,
172.835


 88, 58.563,
171.139


 89, 49.787,
174.356

 87, 61.494,
169.260

 89, 43.897,
175.726


 87, 62.911,
168.094

 90, 37.103,
176.971

 92, 29.535,
178.113

 93, 21.347,

179.175

 95, 12.694,
180.180

 96, 3.724, 181.223

 98, 3.291, 348.981

 98, 4.980, 324.553

Harmonies

Complementary

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



88, 54.683, 172.835



57, 73.126, 15.796

Rectangle

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



88, 54.683, 172.835



88, 54.683, 222.835



88, 54.683, 352.835



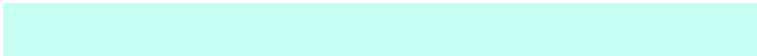
88, 54.683, 42.835

Sweetspot

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



88, 54.683, 172.834



96, 20.084, 179.385



87, 99.086, 133.806



51, 13.425, 179.106



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, 54.683, 172.834



90, 61.628, 170.211



75, 39.903, 239.483



50, 5.114, 180.638



67, 50.619, 168.468



21, 21.669, 171.402

Inverse Universe

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



57, 73.126, 15.796



55, 85.922, 22.786



63, 70.207, 46.304



48, 5.297, 2.275



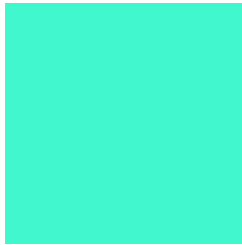
39, 72.254, 27.624



9, 29.907, 15.549

Previews

White Background



This preview shows how the CIE LCh color 88, 54.683, 172.835 looks on a white background.

Color Contrast Check

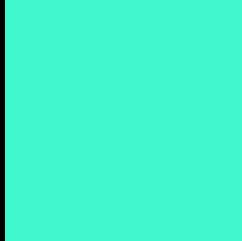
Large Text (above 18pt) WCAG AA × Fail

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, 54.683, 172.835 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, 54.683, 172.835

Background



This preview shows how black text looks on a background with the CIELCh color 88, 54.683, 172.835.

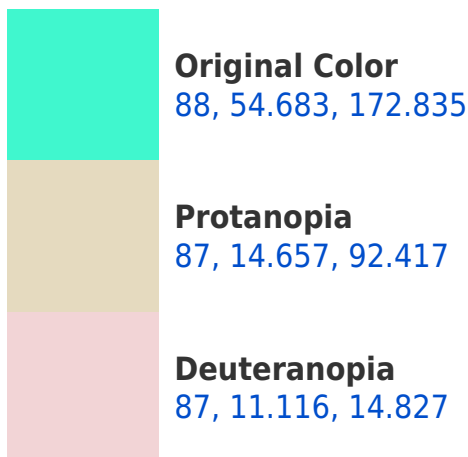


This preview shows how white text looks on a background with the CIELCh color 88, 54.683, 172.835.

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



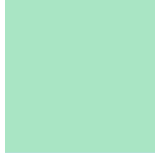


Tritanopia
88, 34.968, 213.121

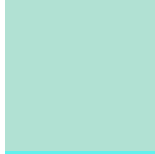
Trichromacy



Original Color
88, 54.683, 172.835



Protanomaly
86, 27.548, 158.743



Deuteranomaly
86, 18.364, 174.515



Tritanomaly
88, 40.504, 193.829

Monochromacy



Original Color
88, 54.683, 172.835



Achromatopsia
76, 0.009, 296.813



Achromatomaly
79, 23.879, 179.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 54.683, 172.835 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(64, 247, 206)` looks like.

```
.text, #text, p{  
    color:rgb(64, 247, 206)  
}
```

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(64, 247, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 247, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 54.683, 172.835 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(64, 247, 206) }
```

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

```
.border{ border-color:rgb(64, 247, 206) }
```

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

Here you see how a box with a 4 pixel rgb(64, 247, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 247, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 247, 206);  
box-shadow:4px 4px 4px 4px rgb(64, 247,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 54.683, 172.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 247, 206) }
```

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

```
.background{ background-color: rgb(64, 247,  
206) }
```

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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