

Converting Colors

CIELCh(88, 44.358, 170.546)

Have a look what the booklet for
CIELCh(88, 44.358, 170.546)
contains.

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Color

CIELCh(88, 44.688, 170.125)

Conversions

Conversions Part 1

Format	Color
Hex	75F3CD
RGB	117, 243, 205
RGB Percent	46%, 95%, 80%
CMY	0.5424, 0.0483, 0.1973
CMYK	0.52, 0.00, 0.16, 0.05
HSL	162°, 84%, 70%
HSV	162°, 52%, 95%
XYZ	50.2318, 72.0653, 68.8294
YIQ	200.9940, -62.8980, -38.5300

Conversions

Conversions Part 2

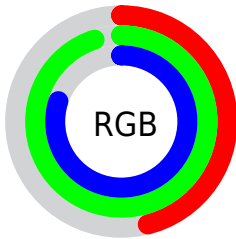
Format	Color
RYB	117, 191, 243
Decimal	7730125
CIELab	88.00, -44.03, 7.66
CIELCh	88, 44.688, 170.125
Yxy	72.0653, 0.2628, 0.3771
Android (android.graphics.Color)	4285920205 (0xFF75F3CD)
YUV	200.9940, 1.9750, -73.6627
Hunter-Lab	84.8913, -42.9379, 11.3519

Details

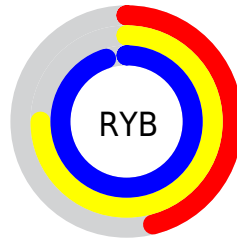
The CIELCh color **88, 44.688, 170.125** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65, 52.192, 3.074**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.109, 197.869**, and **68, 44.586, 170.278** is the 20% darker color. If you saturate the color by 10%, you get **87, 51.431, 168.647**, and if you desaturate by 10%, it is **89, 37.133, 171.451**.

Distribution



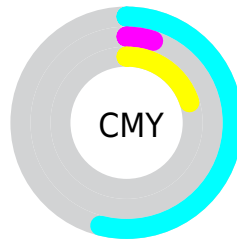
- Red (46%)
- Green (95%)
- Blue (80%)



- Red (46%)
- Yellow (75%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)




- Cyan (54%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 44.688, 170.125 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, 44.688, 170.125 by changing the saturation by 10% instead.

 88, 44.688,
170.125

 88, 44.688,
170.125

 100, 44.688,
170.125

 78, 44.688,
170.125

 68, 44.688,
170.125

 58, 44.688,
170.125

 48, 44.688,
170.125

 38, 44.688,
170.125

 28, 44.688,
170.125

 18, 44.688,


170.125


 8, 44.688, 170.125


 0, 44.688, 170.125


 88, 44.688,
170.125

 88, 44.688,
170.125


 87, 51.431,
168.647


 89, 37.133,
171.451


 86, 57.248,
166.995

 90, 28.909,
172.655

 86, 62.090,
165.147

 92, 20.177,
173.759


 86, 65.990,
163.095

 93, 11.093,
174.792

 85, 68.610,

 95, 1.796, 175.990

161.333

 97, 5.317, 345.055

 97, 7.670, 324.668

Harmonies

Complementary

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



88, 44.688, 170.125



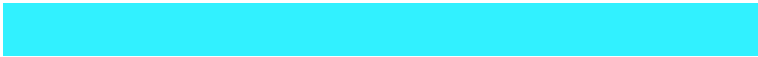
65, 52.192, 3.074

Rectangle

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



88, 44.688, 170.125



88, 44.688, 220.125



88, 44.688, 350.125



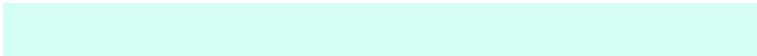
88, 44.688, 40.125

Sweetspot

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



88, 44.689, 170.124



97, 15.436, 174.372



88, 70.865, 132.588



51, 10.398, 174.159



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, 44.689, 170.124



91, 53.552, 168.609



82, 31.412, 220.744



50, 5.334, 175.039



67, 55.876, 161.727



21, 23.617, 165.039

Inverse Universe

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



65, 52.192, 3.074



63, 64.138, 5.615



69, 47.056, 38.591



48, 5.483, 356.708



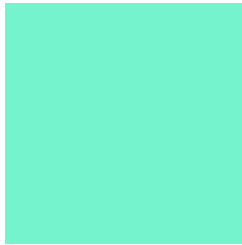
39, 69.183, 21.012



9, 29.675, 11.122

Previews

White Background



This preview shows how the CIE LCh color 88, 44.688, 170.125 looks on a white background.

Color Contrast Check

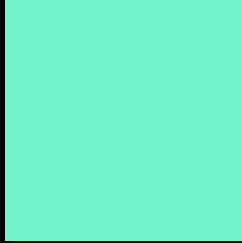
Large Text (above 18pt) WCAG AA × Fail

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, 44.688, 170.125 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, 44.688, 170.125

Background



This preview shows how black text looks on a background with the CIELCh color 88, 44.688, 170.125.

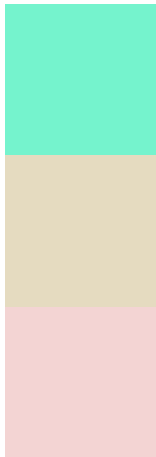


This preview shows how white text looks on a background with the CIELCh color 88, 44.688, 170.125.

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, 44.688, 170.125

Protanopia
88, 14.540, 93.869

Deuteranopia
87, 11.516, 22.781



Tritanopia
88, 31.417, 216.189

Trichromacy



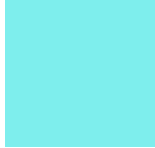
Original Color
88, 44.688, 170.125



Protanomaly
87, 21.821, 150.193



Deuteranomaly
87, 11.924, 160.713

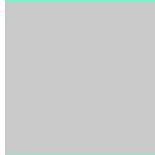


Tritanomaly
88, 33.571, 196.341

Monochromacy



Original Color
88, 44.688, 170.125



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 17.884, 173.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 44.688, 170.125 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(117, 243, 205)` looks like.

```
.text, #text, p{  
    color:rgb(117, 243, 205)  
}
```

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(117, 243, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 243, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 44.688, 170.125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

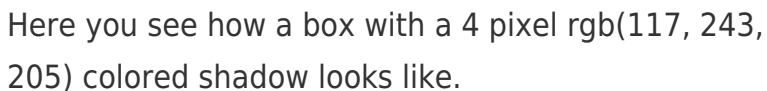
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 243, 205) }
```

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

```
.border{ border-color:rgb(117, 243, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 243, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 243, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 243, 205); box-shadow:4px 4px 4px 4px rgb(117, 243, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 44.688, 170.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 243, 205) }
```

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

```
.background{ background-color: rgb(117,  
243, 205) }
```

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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