

Converting Colors

CIELCh(88, 43.974, 171.157)

Have a look what the booklet for
CIELCh(88, 43.974, 171.157)
contains.

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Color

CIELCh(88, 43.888, 171.135)

Conversions

Conversions Part 1

Format	Color
Hex	75F2CE
RGB	117, 242, 206
RGB Percent	46%, 95%, 81%
CMY	0.5393, 0.0492, 0.1904
CMYK	0.52, 0.00, 0.15, 0.05
HSL	163°, 83%, 71%
HSV	163°, 52%, 95%
XYZ	50.4790, 72.0653, 69.9184
YIQ	200.5210, -62.9440, -37.6960

Conversions

Conversions Part 2

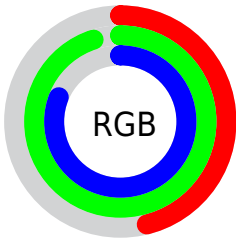
Format	Color
RYB	117, 190, 242
Decimal	7729870
CIELab	88.00, -43.36, 6.76
CIELCh	88, 43.888, 171.135
Yxy	72.0653, 0.2623, 0.3744
Android (android.graphics.Color)	4285919950 (0xFF75F2CE)
YUV	200.5210, 2.7011, -73.2479
Hunter-Lab	84.8913, -42.4180, 10.5913

Details

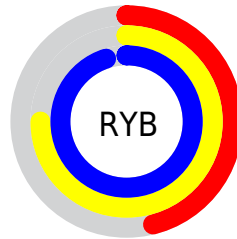
The CIELCh color **88, 43.888, 171.135** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65, 51.651, 3.979**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.109, 197.869**, and **68, 43.765, 171.365** is the 20% darker color. If you saturate the color by 10%, you get **87, 50.531, 169.681**, and if you desaturate by 10%, it is **89, 36.430, 172.443**.

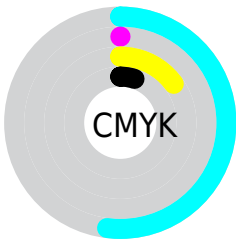
Distribution



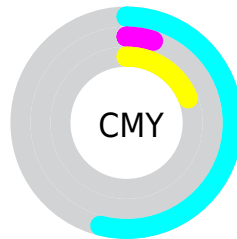
- Red (46%)
- Green (95%)
- Blue (81%)



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



- Cyan (52%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)





- Cyan (54%)
- Magenta (5%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 43.888, 171.135 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, 43.888, 171.135 by changing the saturation by 10% instead.


 88, 43.888,
171.135


 88, 43.888,
171.135


 100, 43.888,
171.135


 78, 43.888,
171.135

 68, 43.888,
171.135

 58, 43.888,
171.135

 48, 43.888,
171.135

 38, 43.888,
171.135

 28, 43.888,
171.135

 18, 43.888,

171.135

■ 8, 43.888, 171.135

■ 0, 43.888, 171.135

■ 88, 43.888,
171.135

■ 88, 43.888,
171.135

■ 87, 50.531,
169.681

■ 89, 36.430,
172.443

■ 86, 56.246,
168.057

■ 90, 28.300,
173.632

■ 86, 60.983,
166.242

■ 92, 19.657,
174.727

■ 86, 64.773,
164.226

■ 93, 10.656,
175.756

■ 85, 67.403,

■ 95, 1.436, 177.029

162.407

 97, 5.384, 345.585

 97, 7.815, 324.674

Harmonies

Complementary

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



88, 43.888, 171.135



65, 51.651, 3.979

Rectangle

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



88, 43.888, 171.135



88, 43.888, 221.135



88, 43.888, 351.135



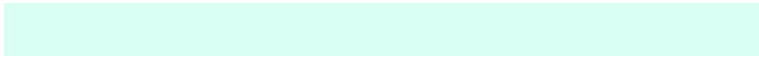
88, 43.888, 41.135

Sweetspot

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



88, 43.889, 171.134



97, 14.368, 175.401



88, 70.691, 133.087



51, 9.779, 175.185



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, 43.889, 171.134



91, 52.893, 169.586



82, 31.048, 223.184



50, 5.293, 175.965



67, 54.946, 162.795



21, 23.271, 166.057

Inverse Universe

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



65, 51.651, 3.979



63, 64.061, 6.641



69, 46.148, 39.963



48, 5.447, 357.634



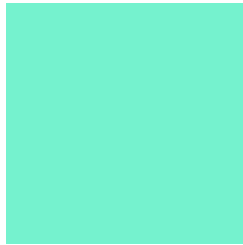
39, 69.637, 22.203



9, 29.705, 11.954

Previews

White Background



This preview shows how the CIE LCh color 88, 43.888, 171.135 looks on a white background.

Color Contrast Check

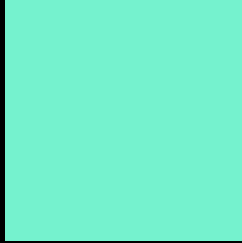
Large Text (above 18pt) WCAG AA × Fail

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, 43.888, 171.135 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, 43.888, 171.135

Background



This preview shows how black text looks on a background with the CIELCh color 88, 43.888, 171.135.

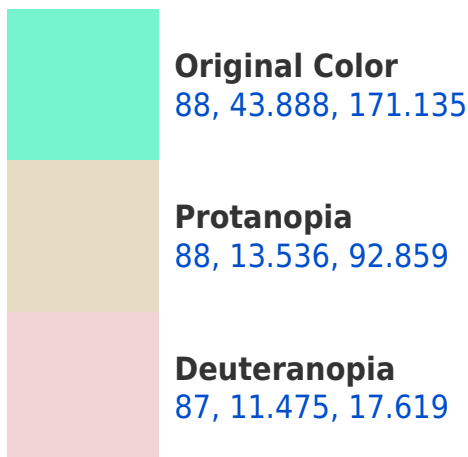


This preview shows how white text looks on a background with the CIELCh color 88, 43.888, 171.135.

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

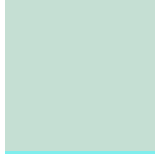
Trichromacy



Original Color
88, 43.888, 171.135



Protanomaly
87, 21.027, 152.027



Deuteranomaly
87, 11.274, 164.800

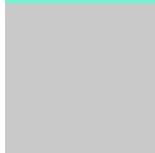


Tritanomaly
88, 33.346, 196.349

Monochromacy



Original Color
88, 43.888, 171.135



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 17.331, 174.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 43.888, 171.135 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, 242, 206)` looks like.

```
.text, #text, p{  
    color:rgb(117, 242, 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(117, 242, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 242, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 43.888, 171.135 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, 242, 206) }
```

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

```
.border{ border-color:rgb(117, 242, 206) }
```

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

Here you see how a box with a 4 pixel rgb(117, 242, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 242, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 242, 206);  
box-shadow:4px 4px 4px 4px rgb(117, 242,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 43.888, 171.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 242, 206) }
```

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

```
.background{ background-color: rgb(117,  
242, 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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