

Converting Colors

CIELCh(88, 30.407, 206.664)

Have a look what the booklet for
CIELCh(88, 30.407, 206.664)
contains.

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Color

CIELCh(88, 30.212, 207.588)

Conversions

Conversions Part 1

Format	Color
Hex	88ECF6
RGB	136, 236, 246
RGB Percent	53%, 93%, 96%
CMY	0.4656, 0.0735, 0.0343
CMYK	0.45, 0.04, 0.00, 0.03
HSL	185°, 86%, 75%
HSV	185°, 45%, 97%
XYZ	56.9401, 72.0653, 98.3055
YIQ	207.2400, -62.8100, -18.0900

Conversions

Conversions Part 2

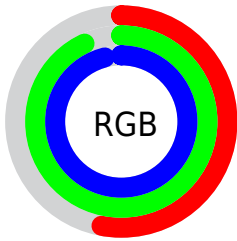
Format	Color
R_{YB}	136, 188, 246
Decimal	8973558
CIE _{Lab}	88.00, -26.78, -13.99
CIE _{LCh}	88, 30.212, 207.588
Yxy	72.0653, 0.2505, 0.3170
Android (android.graphics.Color)	4287163638 (0xFF88ECF6)
YUV	207.2400, 19.1087, -62.4775
Hunter-Lab	84.8913, -28.8324, -9.2350

Details

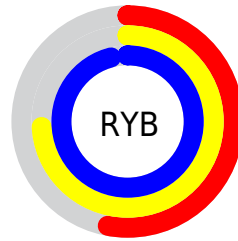
The CIELCh color **88, 30.212, 207.588** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **71, 42.487, 30.531**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.614, 198.212**, and **68, 30.271, 207.735** is the 20% darker color. If you saturate the color by 10%, you get **86, 34.922, 207.945**, and if you desaturate by 10%, it is **90, 24.605, 207.405**.

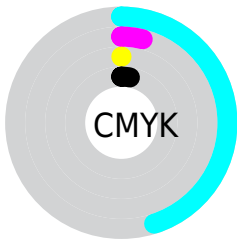
Distribution



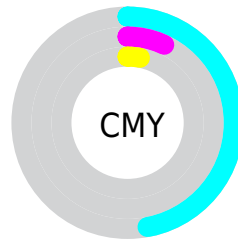
- Red (53%)
- Green (93%)
- Blue (96%)



- Red (53%)
- Yellow (74%)
- Blue (96%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)





- Cyan (47%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 30.212, 207.588 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, 30.212, 207.588 by changing the saturation by 10% instead.


 88, 30.212,
207.588


 88, 30.212,
207.588


 100, 30.212,
207.588


 78, 30.212,
207.588

 68, 30.212,
207.588

 58, 30.212,
207.588

 48, 30.212,
207.588

 38, 30.212,
207.588


 28, 30.212,
207.588


 18, 30.212,


207.588


 8, 30.212, 207.588


 0, 30.212, 207.588


 88, 30.212,
207.588


 88, 30.212,
207.588


 86, 34.922,
207.945


 90, 24.605,
207.405

 85, 38.638,
208.516

 92, 18.223,
207.374

 84, 41.307,
209.335

 94, 11.199,
207.475

 83, 42.938,
210.437

 96, 3.659, 207.766

 82, 43.625,

 98, 2.730, 32.193

211.847

98, 2.544, 62.463

82, 43.728,
212.702

99, 3.059, 89.150

100, 4.010,
105.659

100, 4.421,
109.830

Harmonies

Complementary

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



88, 30.212, 207.588



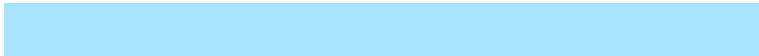
71, 42.487, 30.531

Rectangle

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



88, 30.212, 207.588



88, 30.212, 257.588



88, 30.212, 27.588



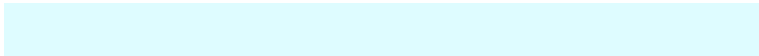
88, 30.212, 77.588

Sweetspot

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



88, 30.212, 207.586



97, 10.261, 207.504



89, 64.752, 143.104



51, 7.134, 207.465



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, 30.212, 207.586



89, 35.610, 207.919



73, 36.631, 272.067



50, 4.383, 207.584



63, 35.490, 212.389



20, 15.952, 210.047

Inverse Universe

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



72, 64.190, 329.593



70, 78.121, 330.115



83, 39.010, 77.873



48, 8.230, 327.523



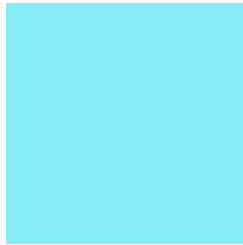
43, 84.946, 332.219



10, 38.126, 331.646

Previews

White Background



This preview shows how the CIE LCh color 88, 30.212, 207.588 looks on a white background.

Color Contrast Check

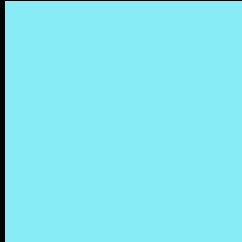
Large Text (above 18pt) WCAG AA × Fail

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, 30.212, 207.588 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, 30.212, 207.588

Background



This preview shows how black text looks on a background with the CIELCh color 88, 30.212, 207.588.

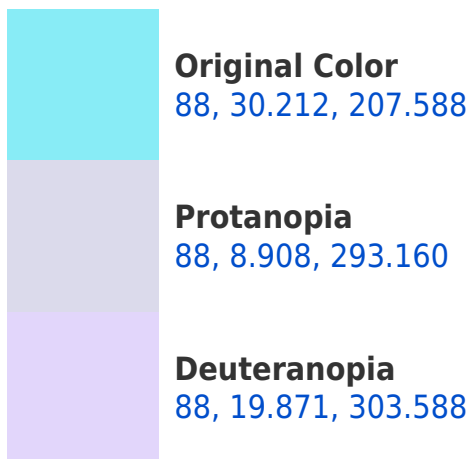


This preview shows how white text looks on a background with the CIELCh color 88, 30.212, 207.588.

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](#).

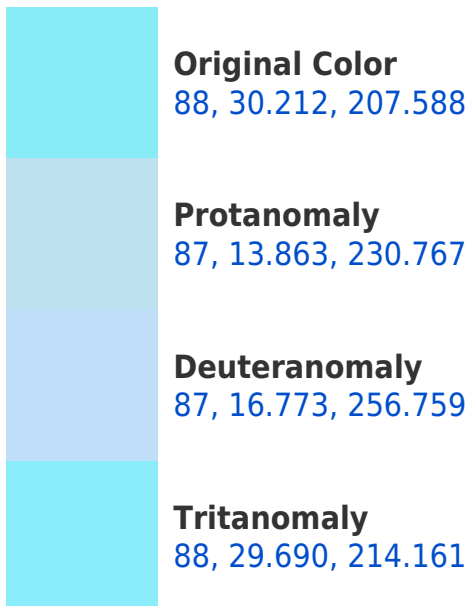
Dichromacy



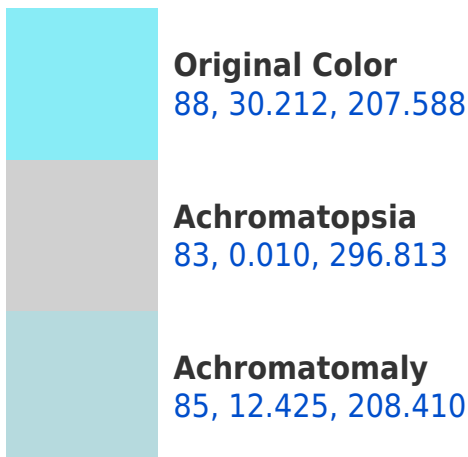


Tritanopia
88, 29.683, 217.424

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 30.212, 207.588 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(136, 236, 246)` looks like.

```
.text, #text, p{  
    color:rgb(136, 236, 246)  
}
```

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(136, 236, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 236, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 30.212, 207.588 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(136, 236, 246) }
```

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

```
.border{ border-color:rgb(136, 236, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 236, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 236, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 236, 246); box-shadow:4px 4px 4px 4px rgb(136, 236, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 30.212, 207.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 236, 246) }
```

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

```
.background{ background-color: rgb(136,  
236, 246) }
```

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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