

Converting Colors

CIELCh(88, 28.717, 213.679)

Have a look what the booklet for
CIELCh(88, 28.717, 213.679)
contains.

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Color

CIELCh(88, 28.717, 213.679)

Conversions

Conversions Part 1

Format	Color
Hex	8EEBFA
RGB	142, 235, 250
RGB Percent	56%, 92%, 98%
CMY	0.4431, 0.0784, 0.0196
CMYK	0.43, 0.06, 0.00, 0.02
HSL	188°, 92%, 77%
HSV	188°, 43%, 98%
XYZ	58.1152, 72.0653, 101.2846
YIQ	208.9030, -60.2430, -15.0510

Conversions

Conversions Part 2

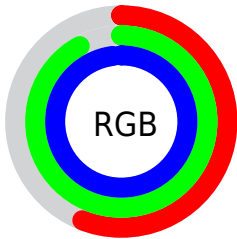
Format	Color
RYB	142, 192, 250
Decimal	9366522
CIELab	88.00, -23.90, -15.92
CIElCh	88, 28.717, 213.679
Yxy	72.0653, 0.2511, 0.3113
Android (android.graphics.Color)	4287556602 (0xFF8EEBFA)
YUV	208.9030, 20.2608, -58.6739
Hunter-Lab	84.8913, -26.3616, -11.3156

Details

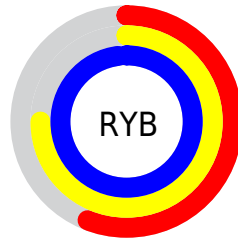
The CIELCh color **88, 28.717, 213.679** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 39.918, 34.211**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **68, 28.810, 214.183** is the 20% darker color. If you saturate the color by 10%, you get **86, 33.473, 214.427**, and if you desaturate by 10%, it is **90, 23.114, 213.171**.

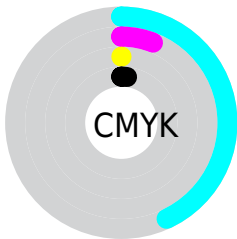
Distribution



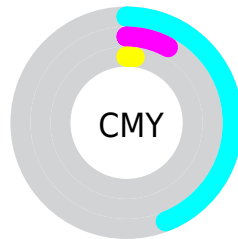
- Red (56%)
- Green (92%)
- Blue (98%)



- Red (56%)
- Yellow (75%)
- Blue (98%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)





- Cyan (44%)
- Magenta (8%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 28.717, 213.679 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, 28.717, 213.679 by changing the saturation by 10% instead.


 88, 28.717,
213.679


 88, 28.717,
213.679

 100, 28.717,
213.679


 78, 28.717,
213.679

 68, 28.717,
213.679

 58, 28.717,
213.679

 48, 28.717,
213.679

 38, 28.717,
213.679

 28, 28.717,
213.679

 18, 28.717,

213.679

■ 8, 28.717, 213.679

■ 0, 28.717, 213.679

■ 88, 28.717,
213.679

■ 88, 28.717,
213.679

■ 86, 33.473,
214.427

■ 90, 23.114,
213.171

■ 84, 37.282,
215.478

■ 92, 16.786,
212.868

■ 83, 40.087,
216.888

■ 95, 9.859, 212.736

■ 81, 41.891,
218.719

■ 97, 2.454, 212.901

■ 99, 1.501, 71.753

■ 80, 42.782,

221.023

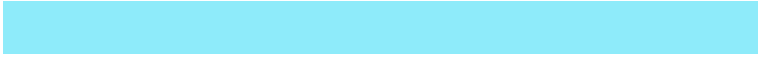
100, 2.527,
109.959

■ 79, 43.020,
222.827

Harmonies

Complementary

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



88, 28.717, 213.679



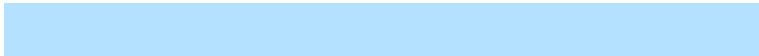
74, 39.918, 34.211

Rectangle

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



88, 28.717, 213.679



88, 28.717, 263.679



88, 28.717, 33.679



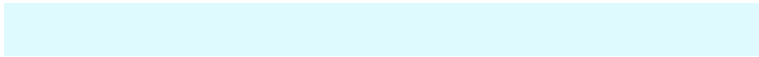
88, 28.717, 83.679

Sweetspot

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



88, 28.717, 213.676



97, 9.872, 212.736



90, 61.328, 144.719



51, 6.863, 212.749



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

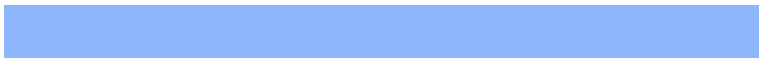
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 28.717, 213.676



88, 33.473, 214.327



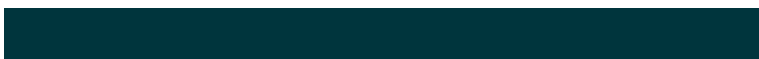
74, 38.286, 276.062



51, 4.288, 212.735



61, 34.849, 222.314



19, 15.882, 218.612

Inverse Universe

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



73, 60.990, 331.139



70, 73.244, 331.695



86, 39.334, 82.574



49, 8.095, 329.025



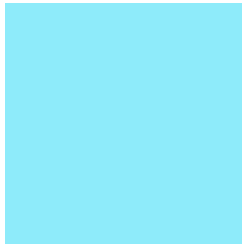
43, 82.652, 334.671



11, 37.907, 333.749

Previews

White Background



This preview shows how the CIE LCh color 88, 28.717, 213.679 looks on a white background.

Color Contrast Check

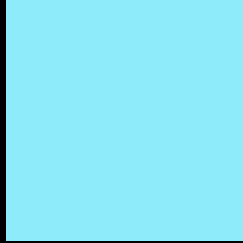
Large Text (above 18pt) WCAG AA × Fail

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, 28.717, 213.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

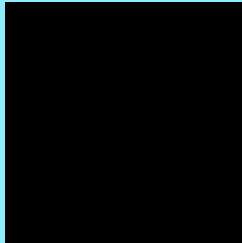
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 28.717, 213.679

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.717, 213.679.




This preview shows how white text looks on a background with the CIELCh color 88, 28.717, 213.679.

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



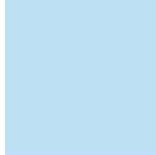


Tritanopia
88, 28.561, 218.306

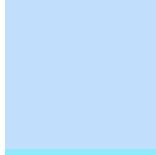
Trichromacy



Original Color
88, 28.717, 213.679



Protanomaly
87, 14.773, 241.330



Deuteranomaly
87, 18.338, 261.660

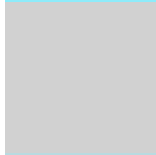


Tritanomaly
88, 28.469, 217.235

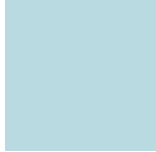
Monochromacy



Original Color
88, 28.717, 213.679



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.627, 214.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 28.717, 213.679 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(142, 235, 250)` looks like.

```
.text, #text, p{  
    color:rgb(142, 235, 250)  
}
```

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(142, 235, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 235, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.717, 213.679 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(142, 235, 250) }
```

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

```
.border{ border-color:rgb(142, 235, 250) }
```

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

Here you see how a box with a 4 pixel rgb(142, 235, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 235, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 235, 250);  
box-shadow:4px 4px 4px 4px rgb(142, 235,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.717, 213.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 235, 250) }
```

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

```
.background{ background-color: rgb(142,  
235, 250) }
```

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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