

Converting Colors

CIELCh(88, 27.985, 219.956)

Have a look what the booklet for
CIELCh(88, 27.985, 219.956)
contains.

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Color

CIELCh(88, 27.985, 219.956)

Conversions

Conversions Part 1

Format	Color
Hex	92EAFE
RGB	146, 234, 254
RGB Percent	57%, 92%, 100%
CMY	0.4277, 0.0826, 0.0042
CMYK	0.43, 0.08, 0.00, 0.00
HSL	191°, 98%, 78%
HSV	191°, 43%, 100%
XYZ	59.1256, 72.0653, 104.5044
YIQ	209.9680, -58.8680, -12.4360

Conversions

Conversions Part 2

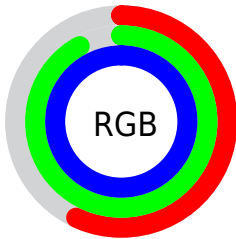
Format	Color
R_{YB}	146, 194, 254
Decimal	9628414
CIE _{Lab}	88.00, -21.45, -17.97
CIE _{LCh}	88, 27.985, 219.956
Yxy	72.0653, 0.2509, 0.3058
Android (android.graphics.Color)	4287818494 (0xFF92EAFE)
YUV	209.9680, 21.7078, -56.0999
Hunter-Lab	84.8913, -24.2369, -13.5643

Details

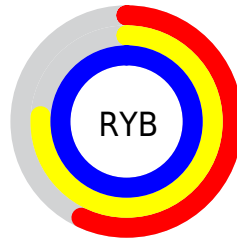
The CIELCh color **88, 27.985, 219.956** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 38.480, 38.188**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.872, 198.386**, and **68, 27.924, 219.750** is the 20% darker color. If you saturate the color by 10%, you get **86, 32.808, 221.112**, and if you desaturate by 10%, it is **90, 22.367, 219.108**.

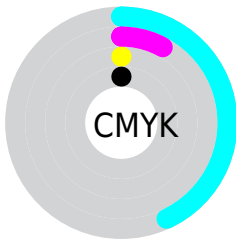
Distribution



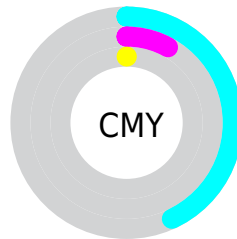
- Red (57%)
- Green (92%)
- Blue (100%)



- Red (57%)
- Yellow (76%)
- Blue (100%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 27.985, 219.956 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, 27.985, 219.956 by changing the saturation by 10% instead.

■ 88, 27.985,
219.956

■ 88, 27.985,
219.956

■ 100, 27.985,
219.956

■ 78, 27.985,
219.956

■ 68, 27.985,
219.956

■ 58, 27.985,
219.956

■ 48, 27.985,
219.956

■ 38, 27.985,
219.956

■ 28, 27.985,
219.956

■ 18, 27.985,

219.956

■ 8, 27.985, 219.956

■ 0, 27.985, 219.956

■ 88, 27.985,
219.956

■ 88, 27.985,
219.956

■ 86, 32.808,
221.112

■ 90, 22.367,
219.108

■ 84, 36.744,
222.657

■ 93, 16.070,
218.516

■ 82, 39.738,
224.669

■ 96, 9.212, 218.138

■ 80, 41.801,
227.228

■ 99, 1.908, 218.155

100, 0.528,
109.992

■ 78, 43.036,

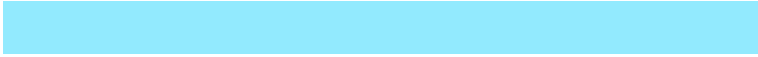
230.399

■ 77, 43.592,
233.116

Harmonies

Complementary

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



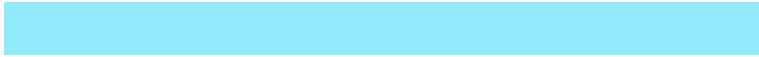
88, 27.985, 219.956



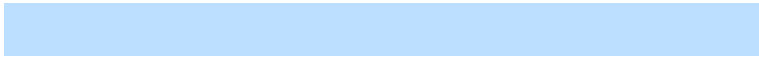
76, 38.480, 38.188

Rectangle

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



88, 27.985, 219.956



88, 27.985, 269.956



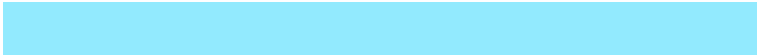
88, 27.985, 39.956



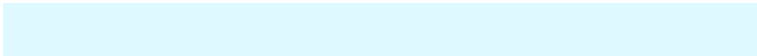
88, 27.985, 89.956

Sweetspot

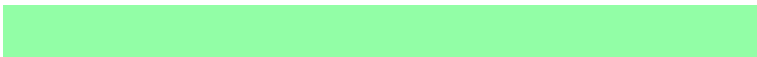
The Sweet Spot groups the original color and five complimentary colors.



88, 27.985, 219.953



96, 9.578, 218.151



92, 59.020, 146.350



51, 6.661, 218.219



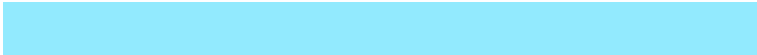
0, 0.000, 0.000



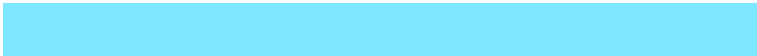
53, 0.007, 296.813

Same Dimension

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



88, 27.985, 219.953



86, 32.234, 220.914



74, 40.759, 279.774



52, 4.229, 218.068



59, 35.187, 232.420



19, 16.133, 227.543

Inverse Universe

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



75, 58.988, 332.788



71, 69.813, 333.385



89, 40.649, 86.844



50, 7.966, 330.577



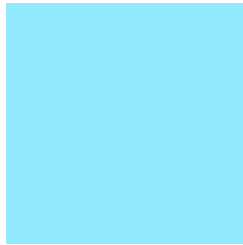
44, 80.570, 337.292



11, 37.698, 336.003

Previews

White Background



This preview shows how the CIE LCh color 88, 27.985, 219.956 looks on a white background.

Color Contrast Check

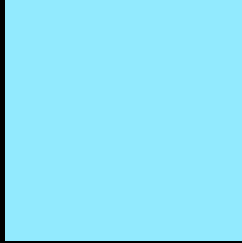
Large Text (above 18pt) WCAG AA × Fail

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, 27.985, 219.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

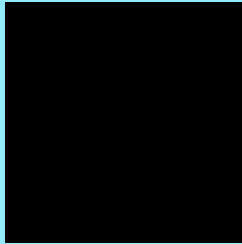
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 27.985, 219.956

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.985, 219.956.

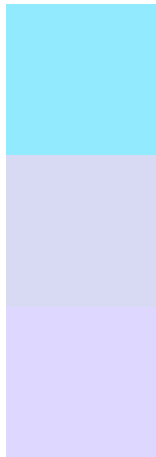


This preview shows how white text looks on a background with the CIELCh color 88, 27.985, 219.956.

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, 27.985, 219.956

Protanopia

88, 13.606, 288.430

Deuteranopia

88, 21.121, 298.271

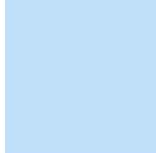


Tritanopia
88, 27.877, 218.871

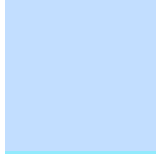
Trichromacy



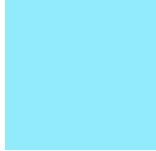
Original Color
88, 27.985, 219.956



Protanomaly
88, 16.296, 249.549



Deuteranomaly
87, 19.230, 263.389

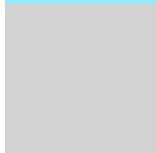


Tritanomaly
88, 27.877, 218.871

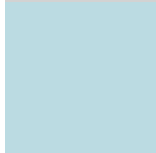
Monochromacy



Original Color
88, 27.985, 219.956



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.428, 217.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 27.985, 219.956 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(146, 234, 254)` looks like.

```
.text, #text, p{  
    color:rgb(146, 234, 254)  
}
```

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(146, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 234, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.985, 219.956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

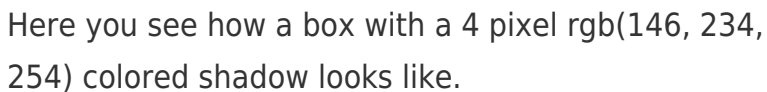
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 234, 254) }
```

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

```
.border{ border-color:rgb(146, 234, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 234, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(146, 234,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.985, 219.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 234, 254) }
```

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

```
.background{ background-color: rgb(146,  
234, 254) }
```

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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