

Converting Colors

CIELCh(91, 57.755, 272.928)

Have a look what the booklet for
CIELCh(91, 57.755, 272.928)
contains.

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Color

CIELCh(88, 27.782, 222.559)

Conversions

Conversions Part 1

Format	Color
Hex	94EAFF
RGB	148, 234, 255
RGB Percent	58%, 92%, 100%
CMY	0.4215, 0.0843, 0.0000
CMYK	0.42, 0.08, 0.00, 0.00
HSL	192°, 100%, 79%
HSV	192°, 42%, 100%
XYZ	59.5371, 72.0653, 105.8103
YIQ	210.6800, -57.9970, -11.7010

Conversions

Conversions Part 2

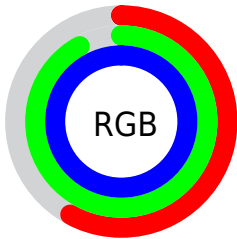
Format	Color
RYB	148, 196, 255
Decimal	9759487
CIELab	88.00, -20.46, -18.79
CIELCh	88, 27.782, 222.559
Yxy	72.0653, 0.2508, 0.3035
Android (android.graphics.Color)	4287949567 (0xFF94EAFF)
YUV	210.6800, 21.8498, -54.9704
Hunter-Lab	84.8913, -23.3716, -14.4764

Details

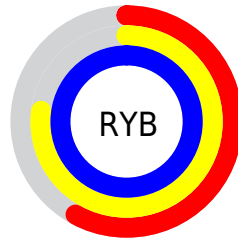
The CIELCh color **88, 27.782, 222.559** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 37.865, 39.521**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.252, 198.426**, and **68, 27.644, 221.283** is the 20% darker color. If you saturate the color by 10%, you get **86, 32.590, 223.287**, and if you desaturate by 10%, it is **91, 22.064, 221.055**.

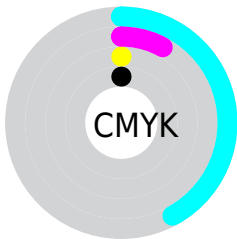
Distribution



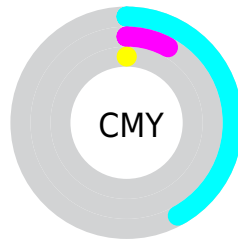
- Red (58%)
- Green (92%)
- Blue (100%)



- Red (58%)
- Yellow (77%)
- Blue (100%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 27.782, 222.559 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, 27.782, 222.559 by changing the saturation by 10% instead.

■ 88, 27.782,
222.559

■ 88, 27.782,
222.559

■ 100, 27.782,
222.559

■ 78, 27.782,
222.559

■ 68, 27.782,
222.559

■ 58, 27.782,
222.559

■ 48, 27.782,
222.559

■ 38, 27.782,
222.559

■ 28, 27.782,
222.559

■ 18, 27.782,

222.559

■ 8, 27.782, 222.559

■ 0, 27.782, 222.559

■ 88, 27.782,
222.559

■ 88, 27.782,
222.559

■ 86, 32.590,
223.287

■ 91, 22.064,
221.055

■ 83, 36.602,
224.979

■ 93, 15.756,
220.374

■ 81, 39.699,
227.167

■ 96, 8.904, 219.920

■ 79, 41.896,
229.937

■ 99, 1.618, 219.926

100, 0.012,
296.813

■ 78, 43.298,

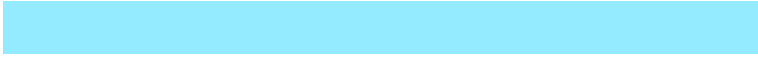
233.351

■ 76, 44.026,
236.423

Harmonies

Complementary

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



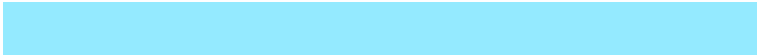
88, 27.782, 222.559



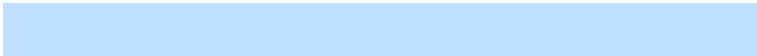
77, 37.865, 39.521

Rectangle

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



88, 27.782, 222.559



88, 27.782, 272.559



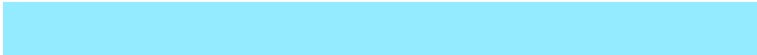
88, 27.782, 42.559



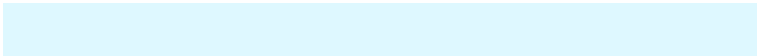
88, 27.782, 92.559

Sweetspot

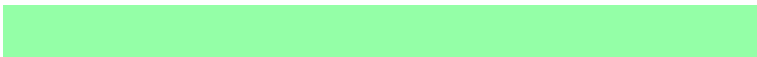
The Sweet Spot groups the original color and five complimentary colors.



88, 27.713, 222.005



96, 9.503, 219.950



92, 58.718, 146.392



51, 6.609, 220.036



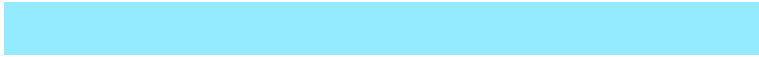
0, 0.000, 0.000



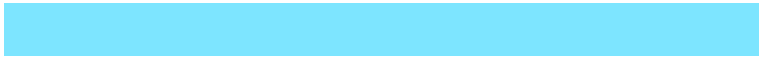
53, 0.007, 296.813

Same Dimension

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



88, 27.713, 222.005



86, 32.070, 223.120



74, 40.520, 279.688



52, 4.195, 219.840



59, 35.396, 235.664



19, 16.152, 230.395

Inverse Universe

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



75, 58.110, 333.329



71, 69.123, 333.973



89, 40.418, 86.896



50, 7.883, 331.096



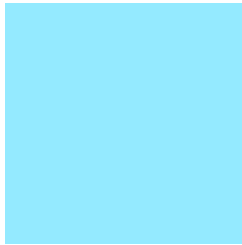
43, 79.682, 338.184



11, 37.326, 336.750

Previews

White Background



This preview shows how the CIE LCh color 88, 27.782, 222.559 looks on a white background.

Color Contrast Check

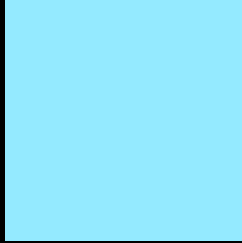
Large Text (above 18pt) WCAG AA × Fail

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, 27.782, 222.559 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, 27.782, 222.559

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.782, 222.559.




This preview shows how white text looks on a background with the CIELCh color 88, 27.782, 222.559.

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



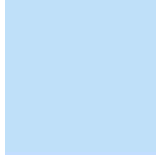


Tritanopia
88, 27.646, 219.067

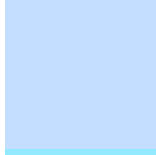
Trichromacy



Original Color
88, 27.650, 221.459



Protanomaly
88, 16.673, 250.837



Deuteranomaly
88, 19.095, 264.231

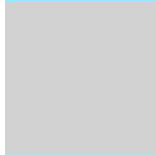


Tritanomaly
88, 27.757, 220.160

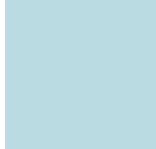
Monochromacy



Original Color
88, 27.650, 221.459



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, 27.782, 222.559 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(148, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 234, 255)  
}
```

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(148, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 234, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.782, 222.559 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(148, 234, 255) }
```

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

```
.border{ border-color:rgb(148, 234, 255) }
```

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

Here you see how a box with a 4 pixel rgb(148, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 234,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.782, 222.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 234, 255) }
```

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

```
.background{ background-color: rgb(148,  
234, 255) }
```

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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