

Converting Colors

CIELCh(88, 28.106, 218.679)

Have a look what the booklet for
CIELCh(88, 28.106, 218.679)
contains.

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Color

CIELCh(88, 28.106, 218.679)

Conversions

Conversions Part 1

Format	Color
Hex	91EAFD
RGB	145, 234, 253
RGB Percent	57%, 92%, 99%
CMY	0.4308, 0.0818, 0.0072
CMYK	0.43, 0.08, 0.00, 0.01
HSL	191°, 97%, 78%
HSV	191°, 43%, 99%
XYZ	58.9224, 72.0653, 103.8590
YIQ	209.5550, -59.1430, -12.9590

Conversions

Conversions Part 2

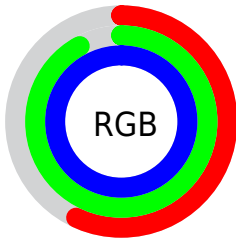
Format	Color
RYB	145, 194, 253
Decimal	9562877
CIELab	88.00, -21.94, -17.57
CIELCh	88, 28.106, 218.679
Yxy	72.0653, 0.2509, 0.3069
Android (android.graphics.Color)	4287752957 (0xFF91EAFD)
YUV	209.5550, 21.4184, -56.6147
Hunter-Lab	84.8913, -24.6642, -13.1136

Details

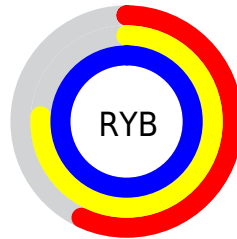
The CIELCh color **88, 28.106, 218.679** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 38.750, 37.369**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.181, 198.366**, and **68, 28.025, 218.413** is the 20% darker color. If you saturate the color by 10%, you get **86, 32.909, 219.754**, and if you desaturate by 10%, it is **90, 22.497, 217.899**.

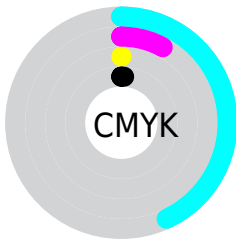
Distribution



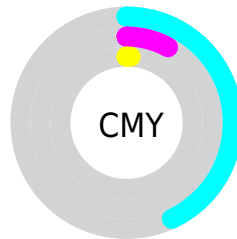
- Red (57%)
- Green (92%)
- Blue (99%)



- Red (57%)
- Yellow (76%)
- Blue (99%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (43%)
- Magenta (8%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 28.106, 218.679 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, 28.106, 218.679 by changing the saturation by 10% instead.


 88, 28.106,
218.679


 88, 28.106,
218.679

 100, 28.106,
218.679


 78, 28.106,
218.679

 68, 28.106,
218.679

 58, 28.106,
218.679

 48, 28.106,
218.679

 38, 28.106,
218.679

 28, 28.106,
218.679

 18, 28.106,

218.679

■ 8, 28.106, 218.679

■ 0, 28.106, 218.679

■ 88, 28.106,
218.679

■ 88, 28.106,
218.679

■ 86, 32.909,
219.754

■ 90, 22.497,
217.899

■ 84, 36.810,
221.201

■ 93, 16.199,
217.365

■ 82, 39.755,
223.094

■ 96, 9.333, 217.037

■ 80, 41.753,
225.512

■ 99, 2.013, 217.081

100, 0.926,
110.025

■ 79, 42.903,

228.516

 78, 43.375,
231.050

Harmonies

Complementary

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



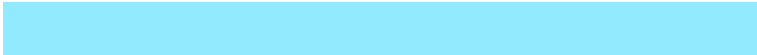
88, 28.106, 218.679



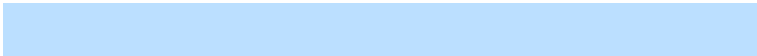
76, 38.750, 37.369

Rectangle

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



88, 28.106, 218.679



88, 28.106, 268.679



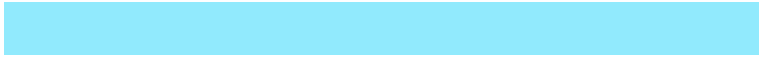
88, 28.106, 38.679



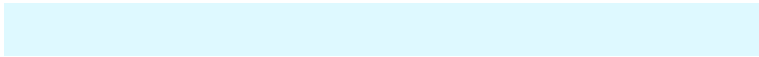
88, 28.106, 88.679

Sweetspot

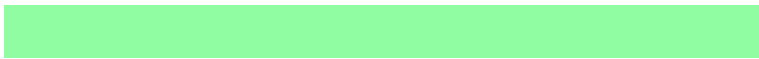
The Sweet Spot groups the original color and five complimentary colors.



88, 28.106, 218.676



96, 9.630, 217.045



91, 59.769, 145.804



51, 6.696, 217.102



0, 0.000, 0.000



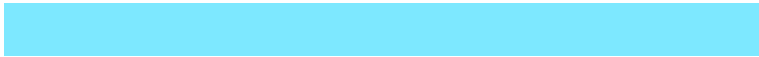
53, 0.007, 296.813

Same Dimension

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



88, 28.106, 218.676



87, 32.358, 219.554



74, 39.900, 278.566



52, 4.252, 216.979



60, 35.109, 230.394



20, 16.139, 225.774

Inverse Universe

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



74, 59.383, 332.450



71, 70.247, 333.025



88, 40.168, 85.470



50, 8.018, 330.259



44, 81.134, 336.750



12, 37.934, 335.548

Previews

White Background



This preview shows how the CIE LCh color 88, 28.106, 218.679 looks on a white background.

Color Contrast Check

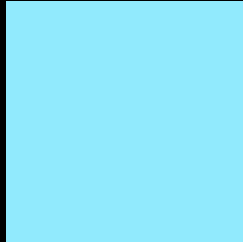
Large Text (above 18pt) WCAG AA × Fail

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, 28.106, 218.679 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, 28.106, 218.679

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.106, 218.679.

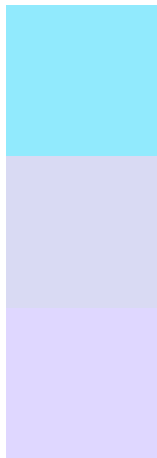


This preview shows how white text looks on a background with the CIELCh color 88, 28.106, 218.679.

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



Original Color
88, 28.106, 218.679

Protanopia
88, 13.076, 289.761

Deuteranopia
88, 21.164, 299.178

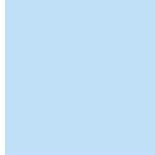


Tritanopia
88, 28.106, 218.679

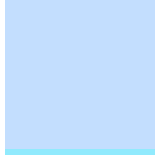
Trichromacy



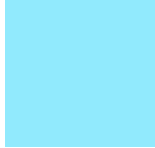
Original Color
88, 28.106, 218.679



Protanomaly
88, 15.927, 248.203



Deuteranomaly
87, 18.643, 263.403

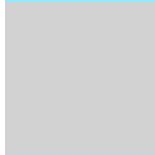


Tritanomaly
88, 28.106, 218.679

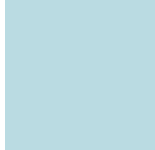
Monochromacy



Original Color
88, 28.106, 218.679



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.736, 217.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 28.106, 218.679 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(145, 234, 253)` looks like.

```
.text, #text, p{  
    color:rgb(145, 234, 253)  
}
```

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(145, 234, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 234, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.106, 218.679 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(145, 234, 253) }
```

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

```
.border{ border-color:rgb(145, 234, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 234, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 234, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 234, 253);  
box-shadow:4px 4px 4px 4px rgb(145, 234,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.106, 218.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 234, 253) }
```

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

```
.background{ background-color: rgb(145,  
234, 253) }
```

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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