

Converting Colors

CIELCh(88, 25.962, 224.059)

Have a look what the booklet for
CIELCh(88, 25.962, 224.059)
contains.

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Color

CIELCh(88, 26.039, 223.116)

Conversions

Conversions Part 1

Format	Color
Hex	9AE9FE
RGB	154, 233, 254
RGB Percent	60%, 91%, 100%
CMY	0.3973, 0.0875, 0.0052
CMYK	0.39, 0.08, 0.00, 0.01
HSL	193°, 97%, 80%
HSV	193°, 39%, 99%
XYZ	60.1471, 72.0653, 104.2267
YIQ	211.7730, -53.8250, -10.2170

Conversions

Conversions Part 2

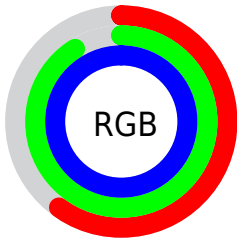
Format	Color
RYB	154, 198, 254
Decimal	10152446
CIELab	88.00, -19.01, -17.80
CIELCh	88, 26.039, 223.116
Yxy	72.0653, 0.2544, 0.3048
Android (android.graphics.Color)	4288342526 (0xFF9AE9FE)
YUV	211.7730, 20.8179, -50.6669
Hunter-Lab	84.8913, -22.0891, -13.3704

Details

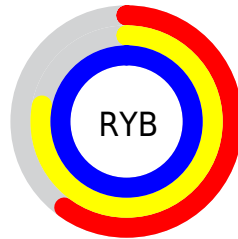
The CIELCh color **88, 26.039, 223.116** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 34.657, 40.372**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **68, 26.027, 222.983** is the 20% darker color. If you saturate the color by 10%, you get **85, 31.121, 224.383**, and if you desaturate by 10%, it is **91, 20.231, 222.170**.

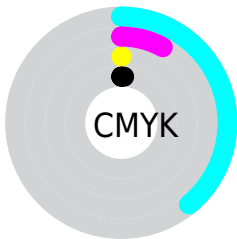
Distribution



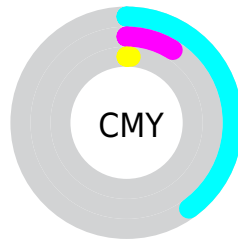
- Red (60%)
- Green (91%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)





- Cyan (40%)
- Magenta (9%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 26.039, 223.116 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, 26.039, 223.116 by changing the saturation by 10% instead.


 88, 26.039,
223.116


 88, 26.039,
223.116


 100, 26.039,
223.116


 78, 26.039,
223.116

 68, 26.039,
223.116

 58, 26.039,
223.116

 48, 26.039,
223.116

 38, 26.039,
223.116

 28, 26.039,
223.116

 18, 26.039,

223.116

■ 8, 26.039, 223.116

■ 0, 26.039, 223.116

■ 88, 26.039,
223.116

■ 88, 26.039,
223.116

■ 85, 31.121,
224.383

■ 91, 20.231,
222.170

■ 83, 35.383,
226.056

■ 94, 13.809,
221.491

■ 81, 38.762,
228.221

■ 97, 6.887, 221.046

100, 0.385, 41.695

■ 79, 41.256,
230.966

100, 0.664,
110.012

■ 77, 42.948,

234.363

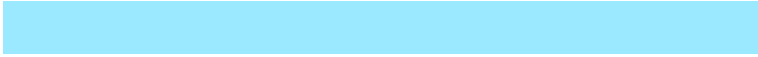
■ 75, 44.061,
238.378

■ 75, 44.123,
238.617

Harmonies

Complementary

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



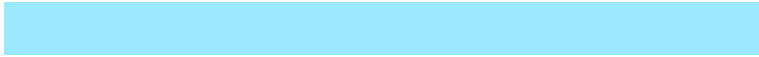
88, 26.039, 223.116



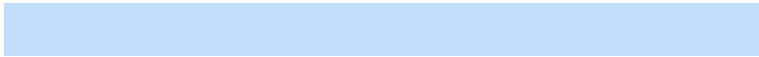
78, 34.657, 40.372

Rectangle

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



88, 26.039, 223.116



88, 26.039, 273.116



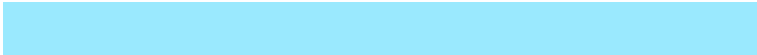
88, 26.039, 43.116



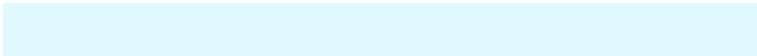
88, 26.039, 93.116

Sweetspot

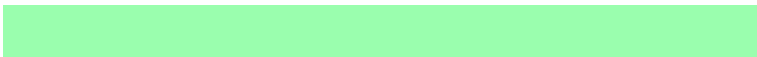
The Sweet Spot groups the original color and five complimentary colors.



88, 26.039, 223.113



96, 8.753, 221.137



92, 54.149, 147.246



51, 5.786, 221.190



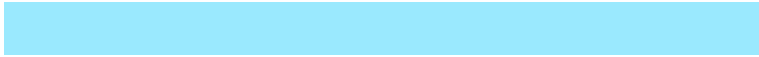
0, 0.000, 0.000



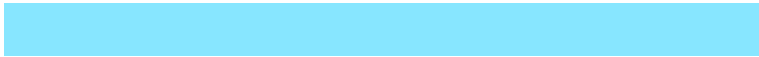
53, 0.007, 296.813

Same Dimension

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



88, 26.039, 223.113



86, 30.090, 224.044



75, 38.449, 280.253



52, 4.174, 221.049



58, 35.596, 237.838



19, 16.185, 232.320

Inverse Universe

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



76, 53.934, 333.518



72, 63.836, 334.076



90, 38.081, 88.593



50, 7.827, 331.451



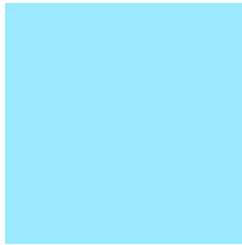
43, 79.096, 338.799



11, 37.079, 337.265

Previews

White Background



This preview shows how the CIE LCh color 88, 26.039, 223.116 looks on a white background.

Color Contrast Check

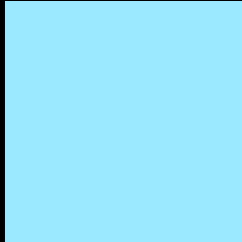
Large Text (above 18pt) WCAG AA × Fail

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, 26.039, 223.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

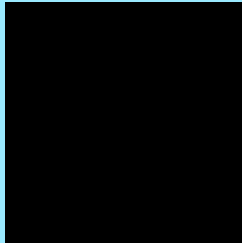
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 26.039, 223.116

Background



This preview shows how black text looks on a background with the CIELCh color 88, 26.039, 223.116.

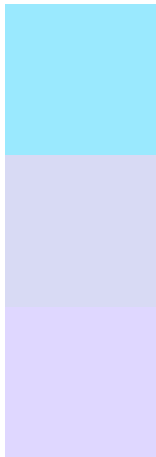


This preview shows how white text looks on a background with the CIELCh color 88, 26.039, 223.116.

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, 26.039, 223.116

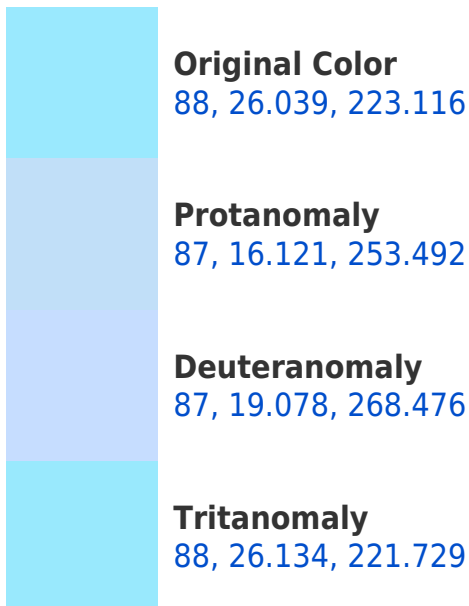
Protanopia
88, 13.606, 288.430

Deuteranopia
88, 21.164, 299.178



Tritanopia
88, 26.006, 220.580

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 26.039, 223.116 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(154, 233, 254)` looks like.

```
.text, #text, p{  
    color:rgb(154, 233, 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(154, 233, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 233, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 26.039, 223.116 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(154, 233, 254) }
```

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

```
.border{ border-color:rgb(154, 233, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 233, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 233, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 233, 254);  
box-shadow:4px 4px 4px 4px rgb(154, 233,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 26.039, 223.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 233, 254) }
```

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

```
.background{ background-color: rgb(154,  
233, 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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