

Converting Colors

CIELCh(88, 23.408, 229.151)

Have a look what the booklet for
CIELCh(88, 23.408, 229.151)
contains.

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Color

CIELCh(88, 23.587, 229.083)

Conversions

Conversions Part 1

Format	Color
Hex	A4E7FE
RGB	164, 231, 254
RGB Percent	64%, 91%, 100%
CMY	0.3576, 0.0948, 0.0047
CMYK	0.35, 0.09, 0.00, 0.00
HSL	195°, 97%, 82%
HSV	195°, 35%, 100%
XYZ	61.6555, 72.0653, 104.2690
YIQ	213.5890, -47.3150, -7.0510

Conversions

Conversions Part 2

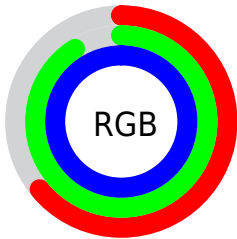
Format	Color
RYB	164, 202, 254
Decimal	10807294
CIELab	88.00, -15.45, -17.82
CIELCh	88, 23.587, 229.083
Yxy	72.0653, 0.2591, 0.3028
Android (android.graphics.Color)	4288997374 (0xFFA4E7FE)
YUV	213.5890, 19.9226, -43.4896
Hunter-Lab	84.8913, -18.9173, -13.4000

Details

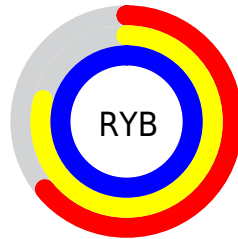
The CIELCh color **88, 23.587, 229.083** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 29.979, 44.866**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.478, 198.739**, and **68, 23.591, 229.178** is the 20% darker color. If you saturate the color by 10%, you get **85, 29.030, 230.569**, and if you desaturate by 10%, it is **91, 17.527, 227.940**.

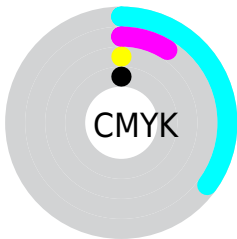
Distribution



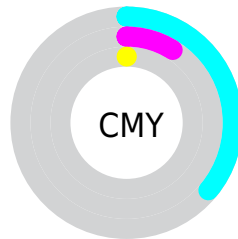
- Red (64%)
- Green (91%)
- Blue (100%)



- Red (64%)
- Yellow (79%)
- Blue (100%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 23.587, 229.083 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, 23.587, 229.083 by changing the saturation by 10% instead.

■ 88, 23.587,
229.083

■ 88, 23.587,
229.083

■ 100, 23.587,
229.083

■ 78, 23.587,
229.083

■ 68, 23.587,
229.083

■ 58, 23.587,
229.083

■ 48, 23.587,
229.083

■ 38, 23.587,
229.083

■ 28, 23.587,
229.083

■ 18, 23.587,

229.083

■ 8, 23.587, 229.083

■ 0, 23.587, 229.083

■ 88, 23.587,
229.083

■ 88, 23.587,
229.083

■ 85, 29.030,
230.569

■ 91, 17.527,
227.940

■ 82, 33.767,
232.491

■ 94, 10.953,
227.087

■ 80, 37.735,
234.940

■ 98, 3.962, 226.528

■ 77, 40.926,
238.010

100, 0.590,
110.003

■ 75, 43.406,

241.773

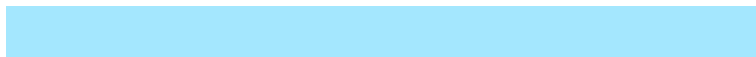
■ 73, 45.341,
246.237

■ 72, 46.152,
248.403

Harmonies

Complementary

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



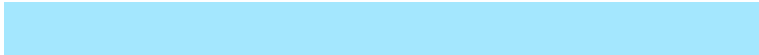
88, 23.587, 229.083



81, 29.979, 44.866

Rectangle

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



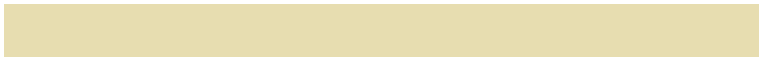
88, 23.587, 229.083



88, 23.587, 279.083



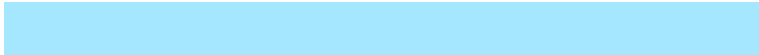
88, 23.587, 49.083



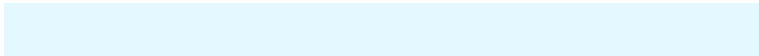
88, 23.587, 99.083

Sweetspot

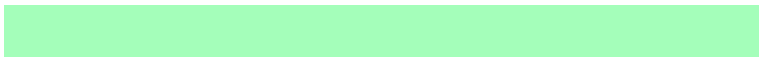
The Sweet Spot groups the original color and five complimentary colors.



88, 23.586, 229.080



96, 7.913, 226.792



93, 47.079, 149.399



51, 5.299, 226.875



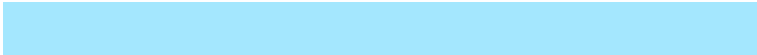
0, 0.000, 0.000



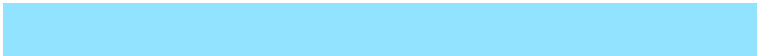
53, 0.007, 296.813

Same Dimension

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



88, 23.586, 229.080



86, 27.859, 230.168



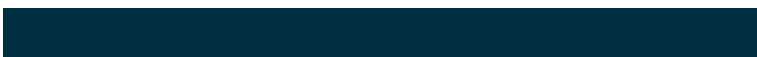
76, 36.698, 282.745



51, 4.104, 226.706



55, 37.109, 247.507



18, 16.554, 241.046

Inverse Universe

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



78, 47.230, 335.041



74, 57.030, 335.641



92, 35.716, 92.829



50, 7.577, 333.144



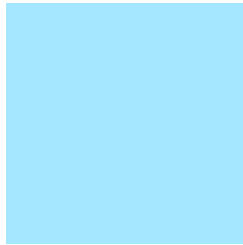
43, 76.554, 341.773



11, 35.995, 339.739

Previews

White Background



This preview shows how the CIELCh color 88, 23.587, 229.083 looks on a white background.

Color Contrast Check

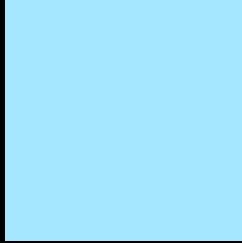
Large Text (above 18pt) WCAG AA × Fail

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, 23.587, 229.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

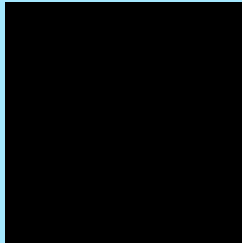
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 23.587, 229.083

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.587, 229.083.



This preview shows how white text looks on a background with the CIELCh color 88, 23.587, 229.083.

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](#).

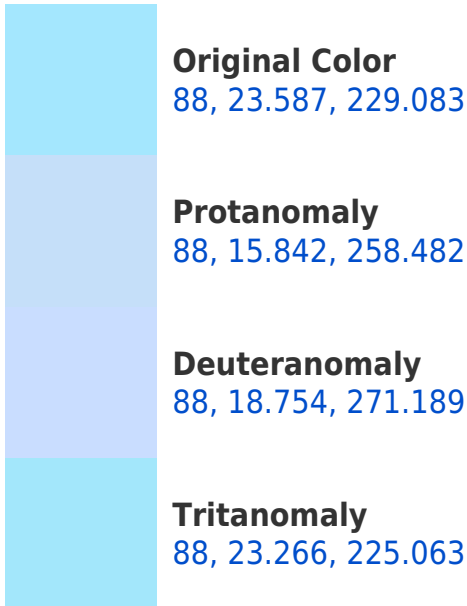
Dichromacy



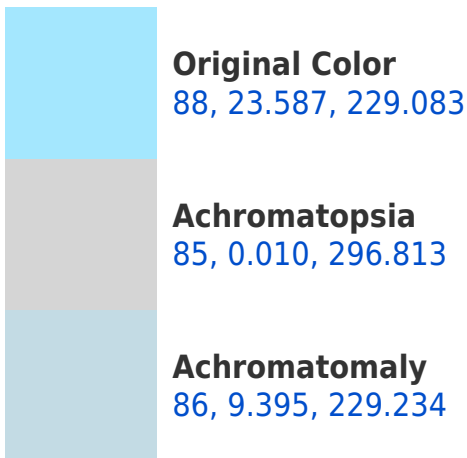


Tritanopia
88, 23.102, 223.803

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.587, 229.083 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(164, 231, 254)` looks like.

```
.text, #text, p{  
    color:rgb(164, 231, 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(164, 231, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 231, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.587, 229.083 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(164, 231, 254) }
```

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

```
.border{ border-color:rgb(164, 231, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 231, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 231, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 231, 254);  
box-shadow:4px 4px 4px 4px rgb(164, 231,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.587, 229.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 231, 254) }
```

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

```
.background{ background-color: rgb(164,  
231, 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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