

Converting Colors

CIELCh(88, 23.001, 223.543)

Have a look what the booklet for
CIELCh(88, 23.001, 223.543)
contains.

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Color

CIELCh(88, 22.855, 224.113)

Conversions

Conversions Part 1

Format	Color
Hex	A4E7FA
RGB	164, 231, 250
RGB Percent	64%, 91%, 98%
CMY	0.3562, 0.0935, 0.0190
CMYK	0.34, 0.08, 0.00, 0.02
HSL	193°, 90%, 81%
HSV	193°, 34%, 98%
XYZ	61.2460, 72.0653, 101.2599
YIQ	213.1330, -46.0310, -8.2950

Conversions

Conversions Part 2

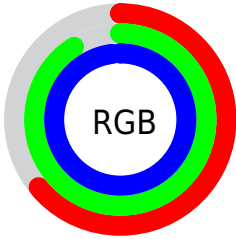
Format	Color
RYB	164, 202, 250
Decimal	10807290
CIELab	88.00, -16.41, -15.91
CIELCh	88, 22.855, 224.113
Yxy	72.0653, 0.2611, 0.3072
Android (android.graphics.Color)	4288997370 (0xFFA4E7FA)
YUV	213.1330, 18.1754, -43.0896
Hunter-Lab	84.8913, -19.7784, -11.2983

Details

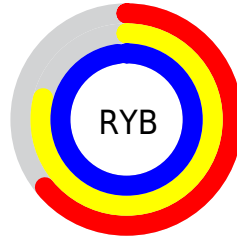
The CIELCh color **88, 22.855, 224.113** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 29.082, 41.364**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.478, 198.739**, and **68, 22.813, 225.506** is the 20% darker color. If you saturate the color by 10%, you get **85, 28.260, 225.291**, and if you desaturate by 10%, it is **91, 16.802, 223.233**.

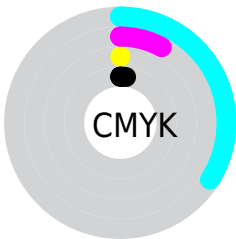
Distribution



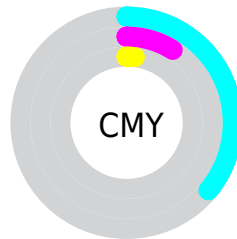
- Red (64%)
- Green (91%)
- Blue (98%)



- Red (64%)
- Yellow (79%)
- Blue (98%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)





- Cyan (36%)
- Magenta (9%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 22.855, 224.113 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, 22.855, 224.113 by changing the saturation by 10% instead.


 88, 22.855,
224.113


 88, 22.855,
224.113


 100, 22.855,
224.113


 78, 22.855,
224.113

 68, 22.855,
224.113

 58, 22.855,
224.113

 48, 22.855,
224.113

 38, 22.855,
224.113


 28, 22.855,
224.113

 18, 22.855,


224.113


 8, 22.855, 224.113


 0, 22.855, 224.113

 88, 22.855,
224.113


 88, 22.855,
224.113

 85, 28.260,
225.291


 91, 16.802,
223.233

 83, 32.917,
226.850


 94, 10.212,
222.608

 80, 36.748,
228.873

 97, 3.189, 222.282

 78, 39.721,
231.453

 99, 1.674, 88.753

 100, 2.440,
109.964

 76, 41.879,

234.672

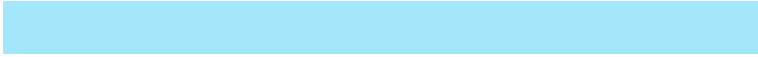
■ 74, 43.355,
238.574

■ 73, 44.021,
240.990

Harmonies

Complementary

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



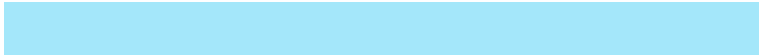
88, 22.855, 224.113



80, 29.082, 41.364

Rectangle

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



88, 22.855, 224.113



88, 22.855, 274.113



88, 22.855, 44.113



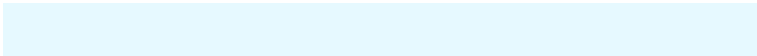
88, 22.855, 94.113

Sweetspot

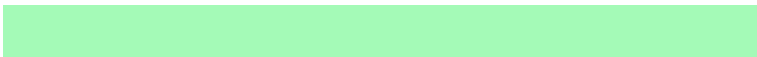
The Sweet Spot groups the original color and five complimentary colors.



88, 22.855, 224.109



97, 7.297, 222.412



92, 46.286, 148.349



51, 4.960, 222.469



0, 0.000, 0.000



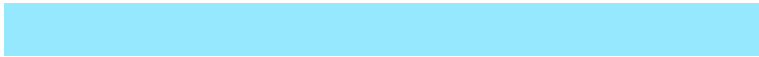
53, 0.007, 296.813

Same Dimension

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



88, 22.855, 224.109



88, 26.923, 224.858



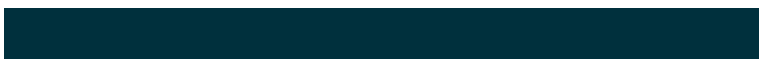
77, 33.676, 280.331



51, 4.086, 222.392



57, 35.509, 240.170



18, 15.805, 234.119

Inverse Universe

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



78, 46.375, 333.576



75, 55.812, 334.066



90, 33.219, 90.551



49, 7.639, 331.847



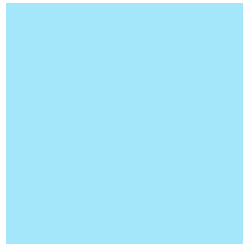
43, 77.693, 339.478



11, 35.881, 337.755

Previews

White Background



This preview shows how the CIE LCh color 88, 22.855, 224.113 looks on a white background.

Color Contrast Check

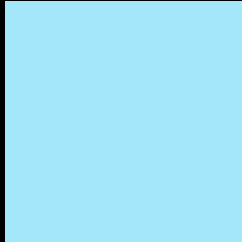
Large Text (above 18pt) WCAG AA × Fail

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, 22.855, 224.113 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, 22.855, 224.113

Background



This preview shows how black text looks on a background with the CIELCh color 88, 22.855, 224.113.



This preview shows how white text looks on a background with the CIELCh color 88, 22.855, 224.113.

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



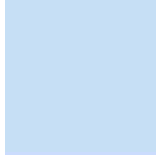


Tritanopia
88, 22.855, 224.113

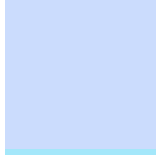
Trichromacy



Original Color
88, 22.855, 224.113



Protanomaly
88, 13.996, 254.582



Deuteranomaly
87, 17.992, 273.447

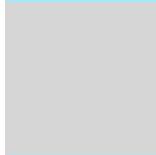


Tritanomaly
88, 22.855, 224.113

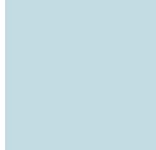
Monochromacy



Original Color
88, 22.855, 224.113



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.271, 222.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 22.855, 224.113 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(164, 231, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 231, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 22.855, 224.113 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, 250) }
```

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

```
.border{ border-color:rgb(164, 231, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 231, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 231, 250);  
box-shadow:4px 4px 4px 4px rgb(164, 231,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 22.855, 224.113 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, 250) }
```

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

```
.background{ background-color: rgb(164,  
231, 250) }
```

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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