

Converting Colors

CIELCh(89, 22.830, 214.576)

Have a look what the booklet for
CIELCh(89, 22.830, 214.576)
contains.

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Color

CIELCh(89, 22.774, 214.111)

Conversions

Conversions Part 1

Format	Color
Hex	A5EBF7
RGB	165, 235, 247
RGB Percent	65%, 92%, 97%
CMY	0.3528, 0.0782, 0.0312
CMYK	0.33, 0.05, 0.00, 0.03
HSL	189°, 84%, 81%
HSV	189°, 33%, 97%
XYZ	62.0423, 74.1641, 99.0769
YIQ	215.4380, -45.5720, -11.1080

Conversions

Conversions Part 2

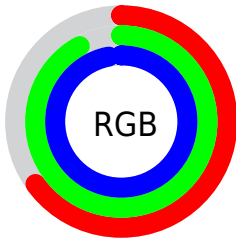
Format	Color
RYB	165, 203, 247
Decimal	10873847
CIELab	89.00, -18.86, -12.77
CIELCh	89, 22.774, 214.111
Yxy	74.1641, 0.2637, 0.3152
Android (android.graphics.Color)	4289063927 (0xFFA5EBF7)
YUV	215.4380, 15.5601, -44.2341
Hunter-Lab	86.1186, -22.1110, -7.9284

Details

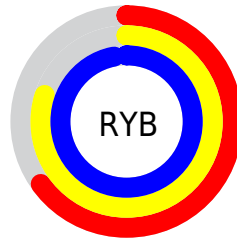
The CIELCh color **89, 22.774, 214.111** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78, 28.995, 34.186**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **69, 22.684, 214.817** is the 20% darker color. If you saturate the color by 10%, you get **87, 28.303, 214.668**, and if you desaturate by 10%, it is **91, 16.534, 213.756**.

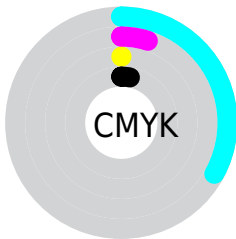
Distribution



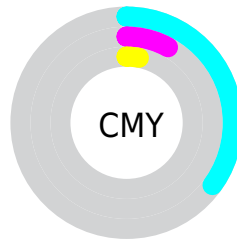
- Red (65%)
- Green (92%)
- Blue (97%)



- Red (65%)
- Yellow (80%)
- Blue (97%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)





- Cyan (35%)
- Magenta (8%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 22.774, 214.111 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 89, 22.774, 214.111 by changing the saturation by 10% instead.


 89, 22.774,
214.111


 89, 22.774,
214.111


 100, 22.774,
214.111


 79, 22.774,
214.111

 69, 22.774,
214.111

 59, 22.774,
214.111

 49, 22.774,
214.111

 39, 22.774,
214.111

 29, 22.774,
214.111

 19, 22.774,

214.111

■ 9, 22.774, 214.111

■ 0, 22.774, 214.111

■ 89, 22.774,
214.111

■ 89, 22.774,
214.111

■ 87, 28.303,
214.668

■ 91, 16.534,
213.756

■ 85, 33.003,
215.485

■ 94, 9.707, 213.585

■ 83, 36.776,
216.616

■ 96, 2.411, 213.715

■ 82, 39.564,
218.124

■ 98, 2.293, 52.240

■ 80, 41.373,

■ 99, 3.137, 97.712

■ 100, 4.022,

220.075

109.858

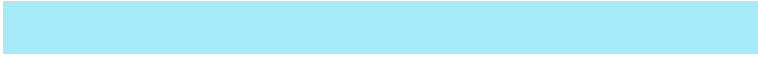
■ 79, 42.292,
222.522

■ 78, 42.561,
224.436

Harmonies

Complementary

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



89, 22.774, 214.111



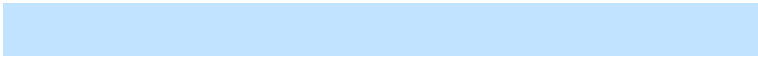
78, 28.995, 34.186

Rectangle

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



89, 22.774, 214.111



89, 22.774, 264.111



89, 22.774, 34.111



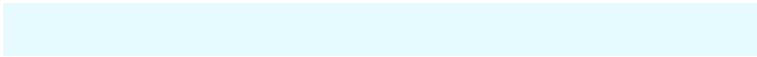
89, 22.774, 84.111

Sweetspot

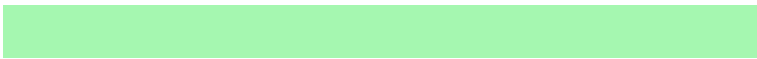
The Sweet Spot groups the original color and five complimentary colors.



89, 22.774, 214.107



97, 7.616, 213.570



91, 47.042, 145.776



52, 5.176, 213.574



0, 0.000, 0.000



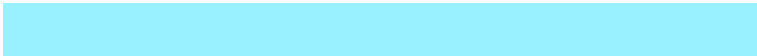
53, 0.007, 296.813

Same Dimension

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



89, 22.774, 214.107



90, 27.307, 214.467



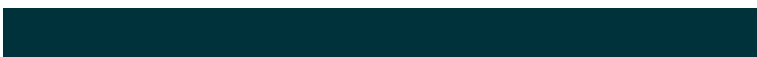
78, 28.964, 273.783



50, 4.194, 213.570



60, 34.431, 223.882



18, 15.409, 219.762

Inverse Universe

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



78, 46.686, 330.763



76, 57.353, 331.202



88, 29.607, 83.983



48, 7.918, 329.266



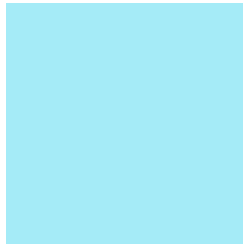
43, 81.359, 335.066



10, 36.719, 334.034

Previews

White Background



This preview shows how the CIE LCh color 89, 22.774, 214.111 looks on a white background.

Color Contrast Check

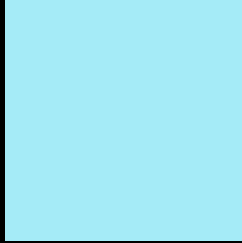
Large Text (above 18pt) WCAG AA × Fail

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 89, 22.774, 214.111 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 89, 22.774, 214.111

Background



This preview shows how black text looks on a background with the CIELCh color 89, 22.774, 214.111.




This preview shows how white text looks on a background with the CIELCh color 89, 22.774, 214.111.

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](#).

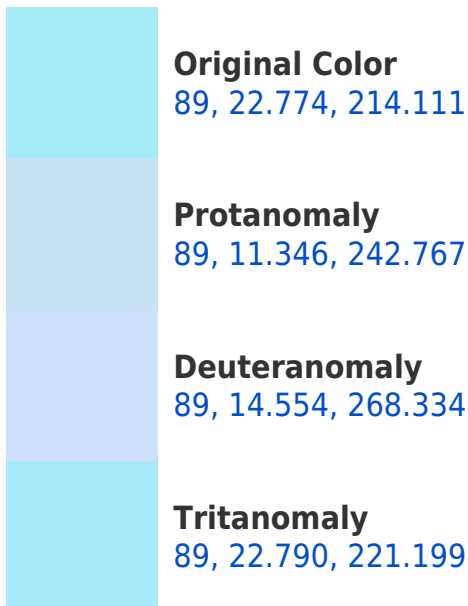
Dichromacy





Tritanopia
89, 23.086, 223.764

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 22.774, 214.111 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(165, 235, 247)` looks like.

```
.text, #text, p{  
    color:rgb(165, 235, 247)  
}
```

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(165, 235, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 235, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 22.774, 214.111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

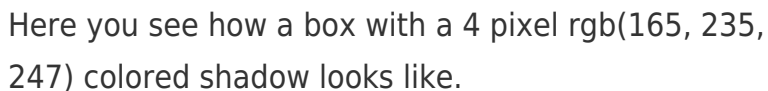
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 235, 247) }
```

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

```
.border{ border-color:rgb(165, 235, 247) }
```

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



Here you see how a box with a 4 pixel rgb(165, 235, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 235, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 235, 247);  
box-shadow:4px 4px 4px 4px rgb(165, 235,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 22.774, 214.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 235, 247) }
```

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

```
.background{ background-color: rgb(165,  
235, 247) }
```

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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