

Converting Colors

CIELCh(89, 24.350, 220.132)

Have a look what the booklet for
CIELCh(89, 24.350, 220.132)
contains.

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Color

CIELCh(89, 24.419, 220.826)

Conversions

Conversions Part 1

Format	Color
Hex	A1EBFD
RGB	161, 235, 253
RGB Percent	63%, 92%, 99%
CMY	0.3682, 0.0780, 0.0074
CMYK	0.36, 0.07, 0.00, 0.01
HSL	192°, 96%, 81%
HSV	192°, 36%, 99%
XYZ	62.2047, 74.1641, 104.0544
YIQ	214.9260, -49.8820, -10.0900

Conversions

Conversions Part 2

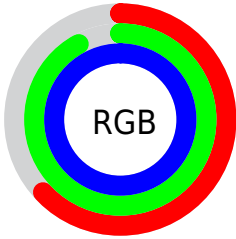
Format	Color
RYB	161, 202, 253
Decimal	10611709
CIELab	89.00, -18.48, -15.96
CIELCh	89, 24.419, 220.826
Yxy	74.1641, 0.2587, 0.3085
Android (android.graphics.Color)	4288801789 (0xFFA1EBFD)
YUV	214.9260, 18.7705, -47.2931
Hunter-Lab	86.1186, -21.7745, -11.3552

Details

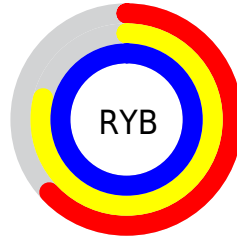
The CIELCh color **89, 24.419, 220.826** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79, 31.759, 38.927**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **69, 24.355, 220.523** is the 20% darker color. If you saturate the color by 10%, you get **87, 29.726, 221.866**, and if you desaturate by 10%, it is **92, 18.402, 220.067**.

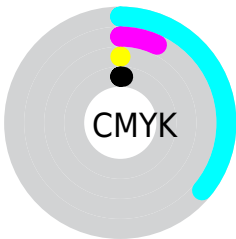
Distribution



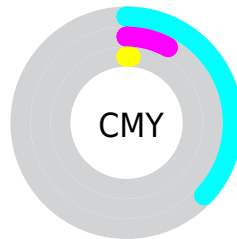
- Red (63%)
- Green (92%)
- Blue (99%)



- Red (63%)
- Yellow (79%)
- Blue (99%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (37%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 24.419, 220.826 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, 24.419, 220.826 by changing the saturation by 10% instead.

■ 89, 24.419,
220.826

■ 89, 24.419,
220.826

■ 100, 24.419,
220.826

■ 79, 24.419,
220.826

■ 69, 24.419,
220.826

■ 59, 24.419,
220.826

■ 49, 24.419,
220.826

■ 39, 24.419,
220.826

■ 29, 24.419,
220.826

■ 19, 24.419,

220.826

■ 9, 24.419, 220.826

■ 0, 24.419, 220.826

■ 89, 24.419,
220.826

■ 89, 24.419,
220.826

■ 87, 29.726,
221.866

■ 92, 18.402,
220.067

■ 84, 34.219,
223.266

■ 94, 11.792,
219.547

■ 82, 37.817,
225.103

■ 97, 4.703, 219.266

■ 80, 40.494,
227.462

100, 0.906,
108.190

■ 78, 42.296,

100, 0.948,
110.025

230.423

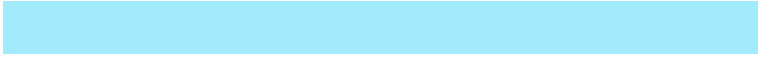
■ 77, 43.369,
234.027

■ 76, 43.677,
235.443

Harmonies

Complementary

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



89, 24.419, 220.826



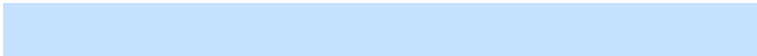
79, 31.759, 38.927

Rectangle

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



89, 24.419, 220.826



89, 24.419, 270.826



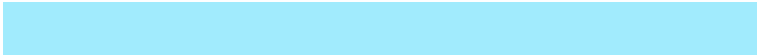
89, 24.419, 40.826



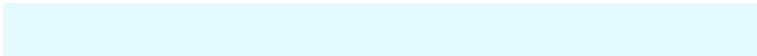
89, 24.419, 90.826

Sweetspot

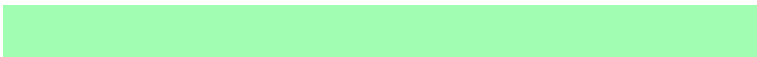
The Sweet Spot groups the original color and five complimentary colors.



89, 24.419, 220.823



97, 8.103, 219.358



92, 50.575, 147.029



51, 5.424, 219.400



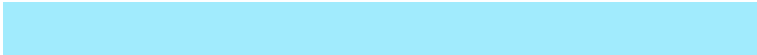
0, 0.000, 0.000



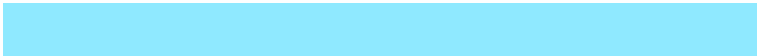
53, 0.007, 296.813

Same Dimension

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



89, 24.419, 220.823



88, 28.721, 221.594



77, 34.532, 278.381



52, 4.204, 219.319



59, 35.324, 234.716



19, 16.142, 229.559

Inverse Universe

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



78, 50.286, 332.752



74, 60.664, 333.294



90, 34.513, 87.701



50, 7.907, 330.943



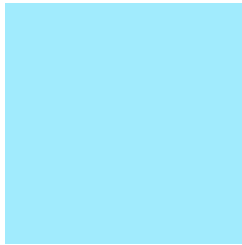
43, 79.939, 337.920



11, 37.434, 336.530

Previews

White Background



This preview shows how the CIE LCh color 89, 24.419, 220.826 looks on a white background.

Color Contrast Check

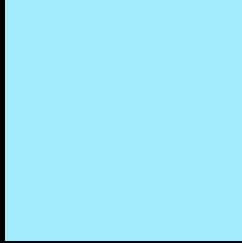
Large Text (above 18pt) WCAG AA × Fail

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, 24.419, 220.826 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, 24.419, 220.826

Background



This preview shows how black text looks on a background with the CIELCh color 89, 24.419, 220.826.

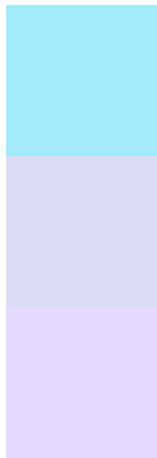


This preview shows how white text looks on a background with the CIELCh color 89, 24.419, 220.826.

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


89, 24.419, 220.826

Protanopia

89, 12.001, 289.527

Deuteranopia

89, 20.263, 302.350

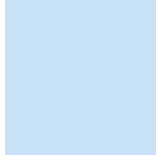


Tritanopia
89, 24.554, 222.039

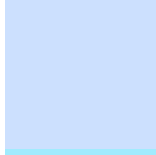
Trichromacy



Original Color
89, 24.419, 220.826



Protanomaly
89, 13.951, 250.995



Deuteranomaly
89, 16.800, 268.330

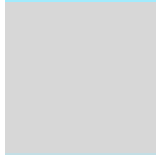


Tritanomaly
89, 24.554, 222.039

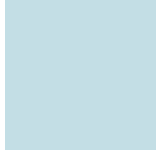
Monochromacy



Original Color
89, 24.419, 220.826



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 9.870, 220.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 24.419, 220.826 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(161, 235, 253)` looks like.

```
.text, #text, p{  
    color:rgb(161, 235, 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(161, 235, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 235, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 24.419, 220.826 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(161, 235, 253) }
```

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

```
.border{ border-color:rgb(161, 235, 253) }
```

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

Here you see how a box with a 4 pixel rgb(161, 235, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 235, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 235, 253);  
box-shadow:4px 4px 4px 4px rgb(161, 235,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 24.419, 220.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 235, 253) }
```

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

```
.background{ background-color: rgb(161,  
235, 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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