

Converting Colors

CIELCh(89, 30.693, 258.673)

Have a look what the booklet for
CIELCh(89, 30.693, 258.673)
contains.

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Color

CIElCh(88, 21.752, 235.570)

Conversions

Conversions Part 1

Format	Color
Hex	ACE5FE
RGB	172, 229, 254
RGB Percent	67%, 90%, 100%
CMY	0.3249, 0.1014, 0.0034
CMYK	0.32, 0.10, 0.00, 0.00
HSL	198°, 98%, 84%
HSV	198°, 32%, 100%
XYZ	63.0115, 72.0653, 104.4559
YIQ	214.8070, -41.9970, -4.3090

Conversions

Conversions Part 2

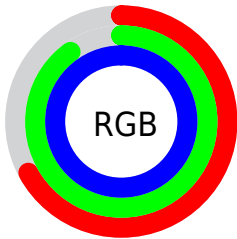
Format	Color
R _Y B	172, 206, 254
Decimal	11331070
CIE Lab	88.00, -12.30, -17.94
CIE LCh	88, 21.752, 235.570
Yxy	72.0653, 0.2631, 0.3009
Android (android.graphics.Color)	4289521150 (0xFFACE5FE)
YUV	214.8070, 19.3221, -37.5417
Hunter-Lab	84.8913, -16.0660, -13.5305

Details

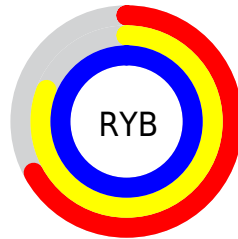
The CIELCh color **88, 21.752, 235.570** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 26.489, 50.170**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.853, 198.921**, and **68, 21.636, 234.349** is the 20% darker color. If you saturate the color by 10%, you get **85, 27.555, 237.265**, and if you desaturate by 10%, it is **92, 15.440, 234.233**.

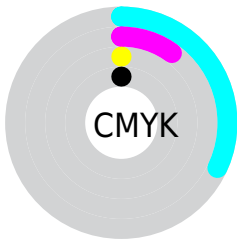
Distribution



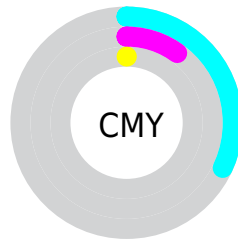
- Red (67%)
- Green (90%)
- Blue (100%)



- Red (67%)
- Yellow (81%)
- Blue (100%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (10%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 21.752, 235.570 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, 21.752, 235.570 by changing the saturation by 10% instead.


 88, 21.752,
235.570


 88, 21.752,
235.570


 100, 21.752,
235.570


 78, 21.752,
235.570

 68, 21.752,
235.570

 58, 21.752,
235.570

 48, 21.752,
235.570

 38, 21.752,
235.570

 28, 21.752,
235.570

 18, 21.752,

235.570

■ 8, 21.752, 235.570

■ 0, 21.752, 235.570

■ 88, 21.752,
235.570

■ 88, 21.752,
235.570

■ 85, 27.555,
237.265

■ 92, 15.440,
234.233

■ 81, 32.773,
239.412

■ 95, 8.708, 233.206

■ 99, 1.639, 232.672

■ 78, 37.352,
242.102

100, 0.434,
109.967

■ 75, 41.284,
245.423

■ 73, 44.632,

249.438

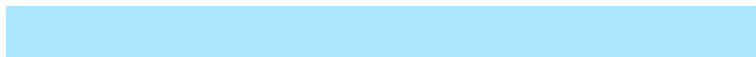
■ 70, 47.549,
254.138

■ 68, 49.697,
258.092

Harmonies

Complementary

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



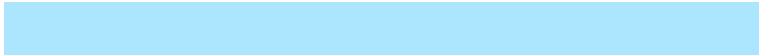
88, 21.752, 235.570



84, 26.489, 50.170

Rectangle

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



88, 21.752, 235.570



88, 21.752, 285.570



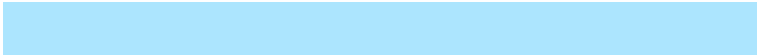
88, 21.752, 55.570



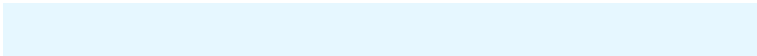
88, 21.752, 105.570

Sweetspot

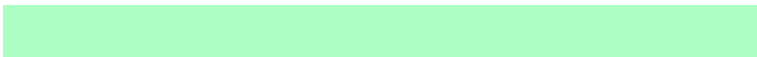
The Sweet Spot groups the original color and five complimentary colors.



88, 21.751, 235.566



96, 7.159, 233.016



93, 41.343, 151.595



51, 4.870, 233.132



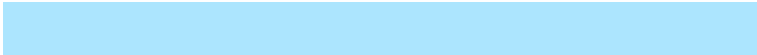
0, 0.000, 0.000



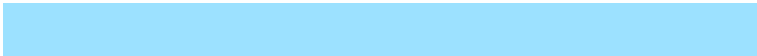
53, 0.007, 296.813

Same Dimension

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



88, 21.751, 235.566



86, 25.797, 236.668



77, 35.380, 285.114



51, 4.075, 232.976



52, 39.788, 257.132



16, 17.342, 250.067

Inverse Universe

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



80, 41.669, 336.872



76, 50.294, 337.449



94, 34.034, 96.584



50, 7.315, 335.104



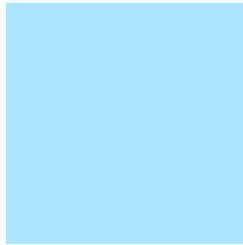
42, 74.093, 345.291



11, 34.915, 342.643

Previews

White Background



This preview shows how the CIELCh color 88, 21.752, 235.570 looks on a white background.

Color Contrast Check

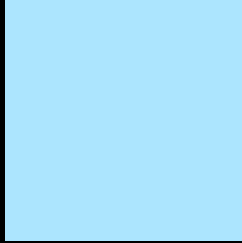
Large Text (above 18pt) WCAG AA × Fail

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, 21.752, 235.570 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, 21.752, 235.570

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.752, 235.570.




This preview shows how white text looks on a background with the CIELCh color 88, 21.752, 235.570.

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](#).

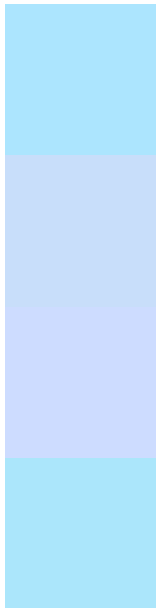
Dichromacy





Tritanopia
88, 20.869, 226.919

Trichromacy



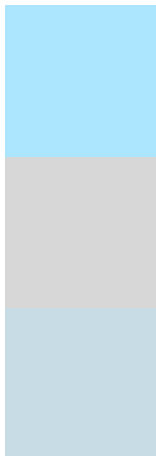
Original Color
88, 21.760, 235.588

Protanomaly
88, 16.145, 264.597

Deuteranomaly
88, 18.818, 276.468

Tritanomaly
88, 21.273, 229.605

Monochromacy



Original Color
88, 21.760, 235.588

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.540, 232.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.752, 235.570 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(172, 229, 254)` looks like.

```
.text, #text, p{  
    color:rgb(172, 229, 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(172, 229, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 229, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.752, 235.570 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(172, 229, 254) }
```

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

```
.border{ border-color:rgb(172, 229, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 229, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 229, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 229, 254);  
box-shadow:4px 4px 4px 4px rgb(172, 229,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.752, 235.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 229, 254) }
```

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

```
.background{ background-color: rgb(172,  
229, 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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