

Converting Colors

CIELCh(88, 21.133, 238.256)

Have a look what the booklet for
CIELCh(88, 21.133, 238.256)
contains.

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Color

CIELCh(88, 21.084, 237.021)

Conversions

Conversions Part 1

Format	Color
Hex	AFE5FE
RGB	175, 229, 254
RGB Percent	69%, 90%, 100%
CMY	0.3150, 0.1032, 0.0052
CMYK	0.31, 0.10, 0.00, 0.01
HSL	199°, 97%, 84%
HSV	199°, 31%, 99%
XYZ	63.3686, 72.0653, 104.0518
YIQ	215.7040, -40.2090, -3.6730

Conversions

Conversions Part 2

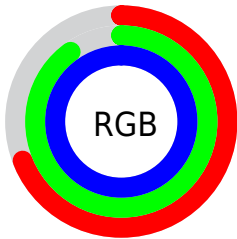
Format	Color
R _Y B	175, 207, 254
Decimal	11527678
CIE Lab	88.00, -11.48, -17.69
CIE LCh	88, 21.084, 237.021
Yxy	72.0653, 0.2646, 0.3009
Android (android.graphics.Color)	4289717758 (0xFFAFE5FE)
YUV	215.7040, 18.8799, -35.6974
Hunter-Lab	84.8913, -15.3153, -13.2482

Details

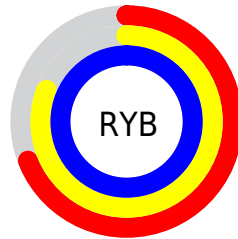
The CIELCh color **88, 21.084, 237.021** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 25.352, 51.496**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **68, 20.977, 235.711** is the 20% darker color. If you saturate the color by 10%, you get **85, 26.988, 238.739**, and if you desaturate by 10%, it is **92, 14.700, 235.659**.

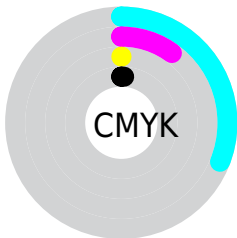
Distribution



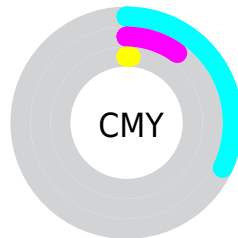
- Red (69%)
- Green (90%)
- Blue (100%)



- Red (69%)
- Yellow (81%)
- Blue (100%)



- Cyan (31%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (32%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 21.084, 237.021 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, 21.084, 237.021 by changing the saturation by 10% instead.

■ 88, 21.084,
237.021

■ 88, 21.084,
237.021

■ 100, 21.084,
237.021

■ 78, 21.084,
237.021

■ 68, 21.084,
237.021

■ 58, 21.084,
237.021

■ 48, 21.084,
237.021

■ 38, 21.084,
237.021

■ 28, 21.084,
237.021

■ 18, 21.084,

237.021

■ 8, 21.084, 237.021

■ 0, 21.084, 237.021

■ 88, 21.084,
237.021

■ 88, 21.084,
237.021

■ 85, 26.988,
238.739

■ 92, 14.700,
235.659

■ 81, 32.340,
240.907

■ 95, 7.922, 234.609

■ 78, 37.086,
243.613

■ 99, 0.829, 234.391

100, 0.667,
110.012

■ 75, 41.217,
246.945

■ 72, 44.792,

250.963

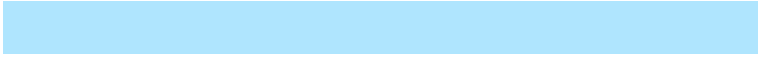
■ 70, 47.958,
255.659

■ 67, 50.636,
260.208

Harmonies

Complementary

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



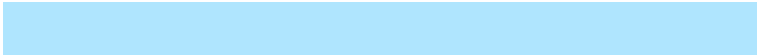
88, 21.084, 237.021



85, 25.352, 51.496

Rectangle

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



88, 21.084, 237.021



88, 21.084, 287.021



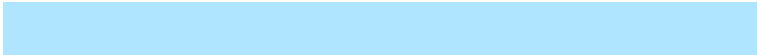
88, 21.084, 57.021



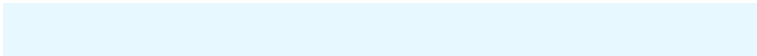
88, 21.084, 107.021

Sweetspot

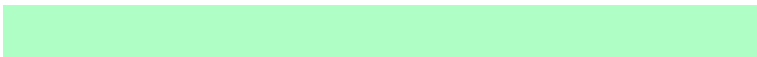
The Sweet Spot groups the original color and five complimentary colors.



88, 21.083, 237.017



97, 6.457, 234.426



93, 39.873, 151.711



51, 4.474, 234.549



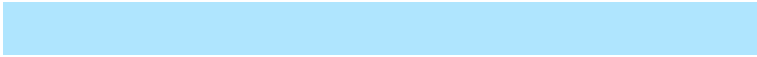
0, 0.000, 0.000



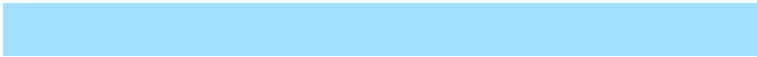
53, 0.007, 296.813

Same Dimension

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



88, 21.083, 237.017



86, 24.712, 237.979



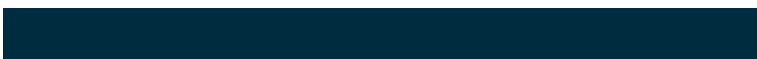
78, 34.043, 284.907



51, 4.075, 234.467



52, 40.568, 259.247



16, 17.585, 252.101

Inverse Universe

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



80, 39.865, 337.291



77, 47.428, 337.797



94, 32.803, 96.721



50, 7.255, 335.588



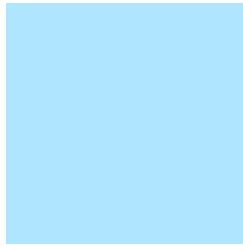
42, 73.559, 346.169



11, 34.675, 343.366

Previews

White Background



This preview shows how the CIE LCh color 88, 21.084, 237.021 looks on a white background.

Color Contrast Check

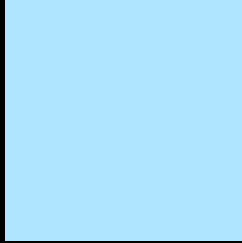
Large Text (above 18pt) WCAG AA × Fail

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, 21.084, 237.021 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

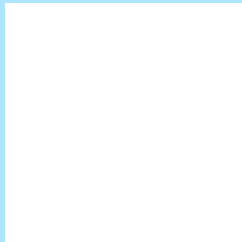
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 21.084, 237.021

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.084, 237.021.

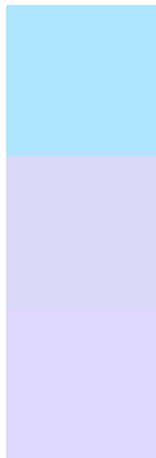


This preview shows how white text looks on a background with the CIELCh color 88, 21.084, 237.021.

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
88, 21.084, 237.021

Protanopia
88, 15.171, 288.868

Deuteranopia
88, 21.212, 300.083



Tritanopia
88, 20.175, 226.310

Trichromacy



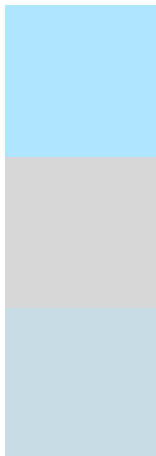
Original Color
88, 21.084, 237.021

Protanomaly
88, 15.552, 264.718

Deuteranomaly
88, 18.744, 277.429

Tritanomaly
88, 20.326, 229.519

Monochromacy



Original Color
88, 21.084, 237.021

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 8.263, 233.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.084, 237.021 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(175, 229, 254)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 229, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 229, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.084, 237.021 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(175, 229, 254) }
```

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

```
.border{ border-color:rgb(175, 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(175, 229, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 229, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 229, 254); box-shadow:4px 4px 4px 4px rgb(175, 229, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.084, 237.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 229, 254) }
```

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

```
.background{ background-color: rgb(175,  
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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