

Converting Colors

CIELCh(84, 29.490, 234.469)

Have a look what the booklet for
CIELCh(84, 29.490, 234.469)
contains.

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Color

CIELCh(84, 29.621, 234.361)

Conversions

Conversions Part 1

Format	Color
Hex	88DDFE
RGB	136, 221, 254
RGB Percent	53%, 87%, 100%
CMY	0.4669, 0.1335, 0.0041
CMYK	0.46, 0.13, 0.00, 0.00
HSL	197°, 98%, 76%
HSV	197°, 46%, 100%
XYZ	53.8668, 64.0658, 103.2455
YIQ	199.3470, -61.2530, -7.7570

Conversions

Conversions Part 2

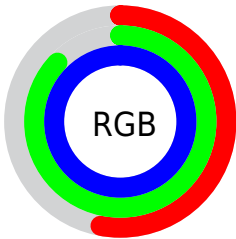
Format	Color
R_{YB}	136, 185, 254
Decimal	8969726
CIE _{Lab}	84.00, -17.26, -24.07
CIE _{LCh}	84, 29.621, 234.361
Yxy	64.0658, 0.2435, 0.2897
Android (android.graphics.Color)	4287159806 (0xFF88DDFE)
YUV	199.3470, 26.9439, -55.5553
Hunter-Lab	80.0411, -19.9433, -20.4497

Details

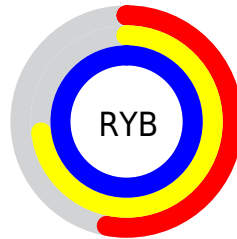
The CIELCh color **84, 29.621, 234.361** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **77, 40.683, 47.138**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.913, 198.193**, and **64, 29.493, 233.992** is the 20% darker color. If you saturate the color by 10%, you get **81, 34.408, 236.533**, and if you desaturate by 10%, it is **87, 24.166, 232.652**.

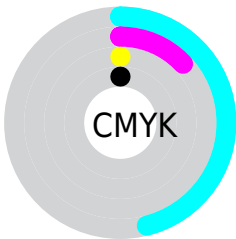
Distribution



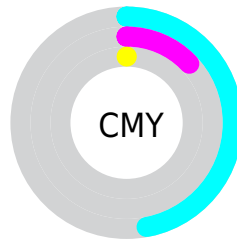
- Red (53%)
- Green (87%)
- Blue (100%)



- Red (53%)
- Yellow (73%)
- Blue (100%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 29.621, 234.361 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 84, 29.621, 234.361 by changing the saturation by 10% instead.


 84, 29.621,
234.361

 84, 29.621,
234.361


 100, 29.621,
234.361


 74, 29.621,
234.361

 64, 29.621,
234.361

 54, 29.621,
234.361

 44, 29.621,
234.361

 34, 29.621,
234.361

 24, 29.621,
234.361

 14, 29.621,

234.361

■ 4, 29.621, 234.361

■ 0, 29.621, 234.361

■ 84, 29.621,
234.361

■ 84, 29.621,
234.361

■ 81, 34.408,
236.533

■ 87, 24.166,
232.652

■ 78, 38.482,
239.271

■ 90, 18.126,
231.325

■ 76, 41.850,
242.660

■ 94, 11.593,
230.308

■ 73, 44.601,
246.758

■ 97, 4.659, 229.587

■ 71, 46.919,

100, 0.524,
109.991

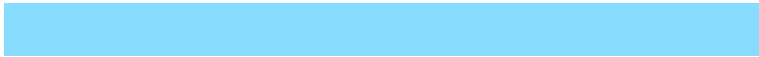
251.534

■ 70, 47.722,
253.289

Harmonies

Complementary

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



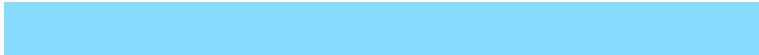
84, 29.621, 234.361



77, 40.683, 47.138

Rectangle

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



84, 29.621, 234.361



84, 29.621, 284.361



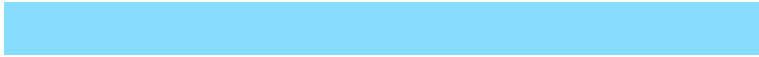
84, 29.621, 54.361



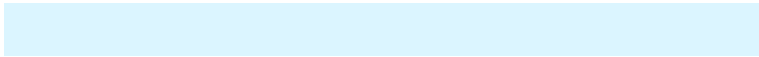
84, 29.621, 104.361

Sweetspot

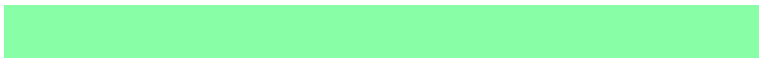
The Sweet Spot groups the original color and five complimentary colors.



84, 29.620, 234.359



95, 9.951, 230.100



91, 60.294, 148.719



50, 6.834, 230.281



0, 0.000, 0.000



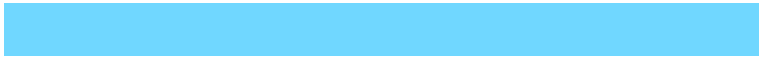
53, 0.007, 296.813

Same Dimension

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



84, 29.620, 234.359



81, 34.314, 236.424



69, 49.942, 286.174



51, 4.084, 229.767



54, 38.293, 252.354



17, 16.890, 245.542

Inverse Universe

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



72, 60.102, 336.982



68, 71.024, 337.862



91, 47.507, 92.560



50, 7.448, 334.087



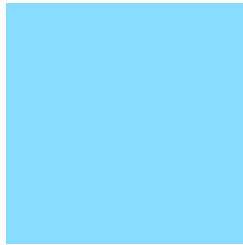
43, 75.308, 343.457



11, 35.453, 341.132

Previews

White Background



This preview shows how the CIELCh color 84, 29.621, 234.361 looks on a white background.

Color Contrast Check

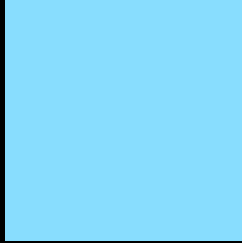
Large Text (above 18pt) WCAG AA × Fail

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 84, 29.621, 234.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

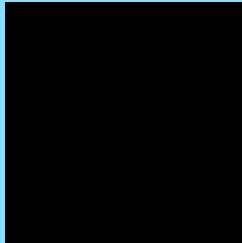
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 29.621, 234.361

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.621, 234.361.




This preview shows how white text looks on a background with the CIELCh color 84, 29.621, 234.361.

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
84, 28.442, 217.398

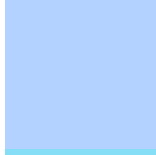
Trichromacy



Original Color
84, 29.621, 234.361



Protanomaly
84, 21.690, 260.687

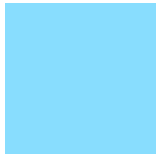


Deuteranomaly
83, 25.355, 269.489

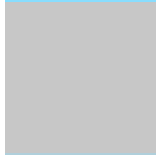


Tritanomaly
84, 28.708, 224.247

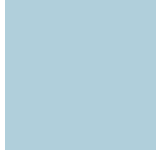
Monochromacy



Original Color
84, 29.621, 234.361



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 12.166, 230.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.621, 234.361 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(136, 221, 254)` looks like.

```
.text, #text, p{  
    color:rgb(136, 221, 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(136, 221, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 221, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.621, 234.361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

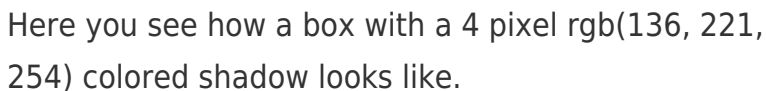
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 221, 254) }
```

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

```
.border{ border-color:rgb(136, 221, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 221, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 221, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 221, 254); box-shadow:4px 4px 4px 4px rgb(136, 221, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.621, 234.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 221, 254) }
```

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

```
.background{ background-color: rgb(136,  
221, 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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