

Converting Colors

CIELCh(84, 31.383, 229.791)

Have a look what the booklet for
CIELCh(84, 31.383, 229.791)
contains.

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Color

CIELCh(84, 31.472, 230.615)

Conversions

Conversions Part 1

Format	Color
Hex	7EDEFE
RGB	126, 222, 254
RGB Percent	49%, 87%, 100%
CMY	0.5044, 0.1281, 0.0025
CMYK	0.50, 0.13, 0.00, 0.00
HSL	195°, 99%, 75%
HSV	195°, 50%, 100%
XYZ	52.8152, 64.0658, 103.6426
YIQ	196.9440, -67.4880, -10.4000

Conversions

Conversions Part 2

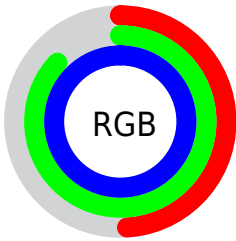
Format	Color
R _Y B	126, 181, 254
Decimal	8314622
CIE Lab	84.00, -19.97, -24.32
CIE LCh	84, 31.472, 230.615
Yxy	64.0658, 0.2395, 0.2905
Android (android.graphics.Color)	4286504702 (0xFF7EDEFE)
YUV	196.9440, 28.1286, -62.2179
Hunter-Lab	80.0411, -22.2886, -20.7439

Details

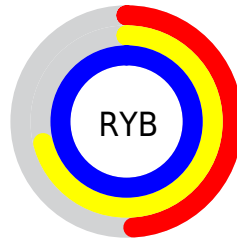
The CIELCh color **84, 31.472, 230.615** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **74, 45.384, 44.346**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.558, 198.027**, and **64, 31.443, 230.009** is the 20% darker color. If you saturate the color by 10%, you get **81, 35.818, 232.729**, and if you desaturate by 10%, it is **87, 26.370, 228.969**.

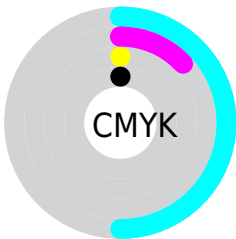
Distribution



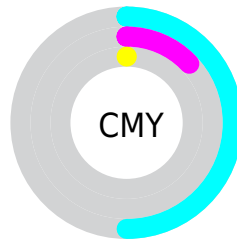
- Red (49%)
- Green (87%)
- Blue (100%)



- Red (49%)
- Yellow (71%)
- Blue (100%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (50%)
- Magenta (13%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 31.472, 230.615 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, 31.472, 230.615 by changing the saturation by 10% instead.


 84, 31.472,
230.615


 84, 31.472,
230.615


 100, 31.472,
230.615


 74, 31.472,
230.615

 64, 31.472,
230.615

 54, 31.472,
230.615

 44, 31.472,
230.615

 34, 31.472,
230.615

 24, 31.472,
230.615

 14, 31.472,

230.615

■ 4, 31.472, 230.615

■ 0, 31.472, 230.615

■ 84, 31.472,
230.615

■ 84, 31.472,
230.615

■ 81, 35.818,
232.729

■ 87, 26.370,
228.969

■ 79, 39.369,
235.411

■ 90, 20.596,
227.706

■ 76, 42.147,
238.748

■ 93, 14.248,
226.753

■ 74, 44.262,
242.791

■ 96, 7.430, 226.065

■ 72, 45.923,

■ 100, 0.238,
228.092

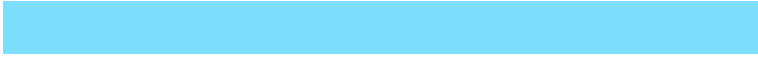
247.276

100, 0.317,
109.910

Harmonies

Complementary

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



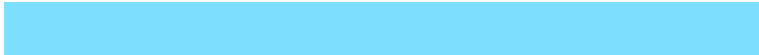
84, 31.472, 230.615



74, 45.384, 44.346

Rectangle

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



84, 31.472, 230.615



84, 31.472, 280.615



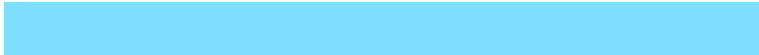
84, 31.472, 50.615



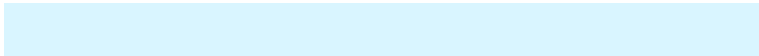
84, 31.472, 100.615

Sweetspot

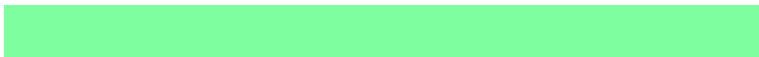
The Sweet Spot groups the original color and five complimentary colors.



84, 31.471, 230.613



95, 10.697, 226.354



91, 65.853, 147.630



50, 7.257, 226.504



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, 31.471, 230.613



82, 35.764, 232.655



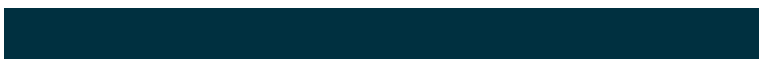
67, 53.288, 286.119



51, 4.111, 226.021



56, 36.878, 246.385



18, 16.491, 240.018

Inverse Universe

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



70, 65.933, 336.014



66, 76.530, 336.865



89, 50.764, 90.860



50, 7.607, 332.936



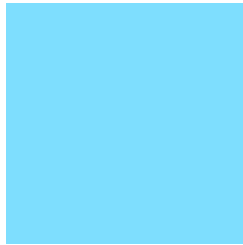
43, 76.845, 341.404



11, 36.120, 339.433

Previews

White Background



This preview shows how the CIE LCh color 84, 31.472, 230.615 looks on a white background.

Color Contrast Check

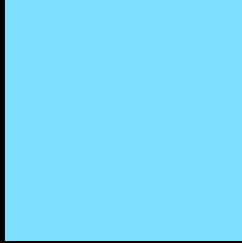
Large Text (above 18pt) WCAG AA × Fail

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, 31.472, 230.615 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, 31.472, 230.615

Background



This preview shows how black text looks on a background with the CIELCh color 84, 31.472, 230.615.




This preview shows how white text looks on a background with the CIELCh color 84, 31.472, 230.615.

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](#).

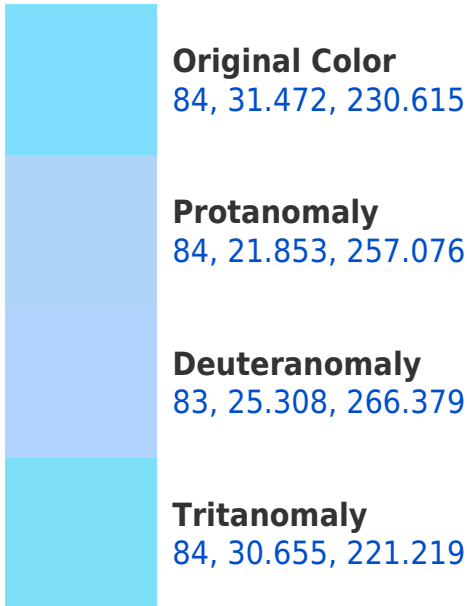
Dichromacy



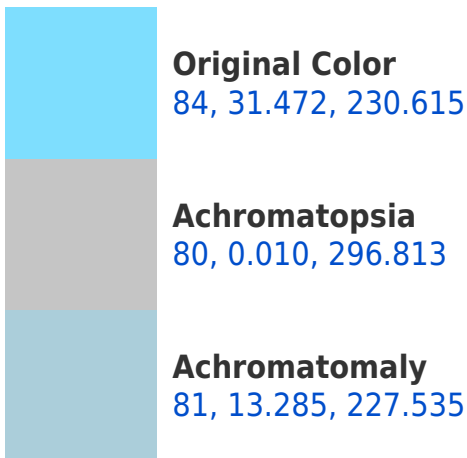


Tritanopia
84, 30.830, 215.670

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 31.472, 230.615 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(126, 222, 254)` looks like.

```
.text, #text, p{  
    color:rgb(126, 222, 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(126, 222, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 222, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 31.472, 230.615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

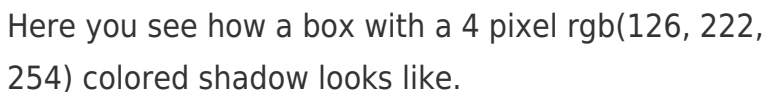
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 222, 254) }
```

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

```
.border{ border-color:rgb(126, 222, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 222, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 222, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 222, 254); box-shadow:4px 4px 4px 4px rgb(126, 222, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 31.472, 230.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 222, 254) }
```

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

```
.background{ background-color: rgb(126,  
222, 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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