

Converting Colors

CIELCh(84, 28.214, 222.335)

Have a look what the booklet for
CIELCh(84, 28.214, 222.335)
contains.

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Color

CIELCh(84, 28.214, 222.335)

Conversions

Conversions Part 1

Format	Color
Hex	86DEF4
RGB	134, 222, 244
RGB Percent	53%, 87%, 96%
CMY	0.4732, 0.1281, 0.0418
CMYK	0.45, 0.09, 0.00, 0.04
HSL	192°, 84%, 74%
HSV	192°, 45%, 96%
XYZ	52.4742, 64.0658, 95.4547
YIQ	198.1960, -59.5100, -11.8140

Conversions

Conversions Part 2

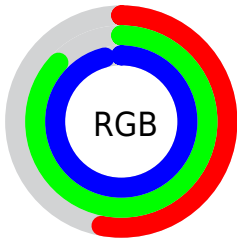
Format	Color
RYB	134, 183, 244
Decimal	8838900
CIELab	84.00, -20.86, -19.00
CIELCh	84, 28.214, 222.335
Yxy	64.0658, 0.2475, 0.3022
Android (android.graphics.Color)	4287028980 (0xFF86DEF4)
YUV	198.1960, 22.5814, -56.2999
Hunter-Lab	80.0411, -23.0489, -14.6788

Details

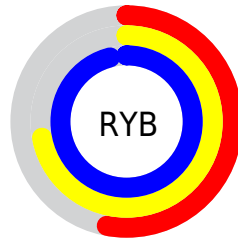
The CIELCh color **84, 28.214, 222.335** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **73, 39.507, 39.638**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.509, 198.155**, and **64, 28.290, 222.173** is the 20% darker color. If you saturate the color by 10%, you get **82, 32.702, 223.717**, and if you desaturate by 10%, it is **86, 22.954, 221.300**.

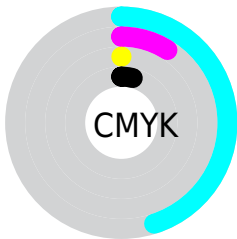
Distribution



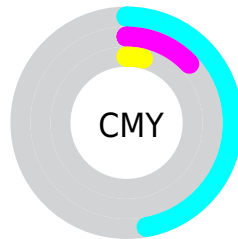
- Red (53%)
- Green (87%)
- Blue (96%)



- Red (53%)
- Yellow (72%)
- Blue (96%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)





- Cyan (47%)
- Magenta (13%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 28.214, 222.335 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, 28.214, 222.335 by changing the saturation by 10% instead.

 84, 28.214,
222.335

 84, 28.214,
222.335


 100, 28.214,
222.335


 74, 28.214,
222.335

 64, 28.214,
222.335

 54, 28.214,
222.335

 44, 28.214,
222.335

 34, 28.214,
222.335

 24, 28.214,
222.335

 14, 28.214,

222.335

■ 4, 28.214, 222.335

■ 0, 28.214, 222.335

■ 84, 28.214,
222.335

■ 84, 28.214,
222.335

■ 82, 32.702,
223.717

■ 86, 22.954,
221.300

■ 80, 36.340,
225.532

■ 89, 17.027,
220.550

■ 78, 39.092,
227.866

■ 92, 10.545,
220.035

■ 76, 40.994,
230.798

■ 95, 3.616, 219.784

■ 74, 42.174,

■ 98, 3.158, 42.470

234.379

99, 3.884, 92.110

73, 42.615,
236.338

100, 5.396,
109.760

Harmonies

Complementary

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



84, 28.214, 222.335



73, 39.507, 39.638

Rectangle

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



84, 28.214, 222.335



84, 28.214, 272.335



84, 28.214, 42.335



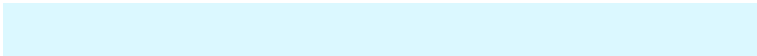
84, 28.214, 92.335

Sweetspot

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



84, 28.213, 222.333



96, 10.205, 219.996



88, 59.652, 146.612



50, 7.002, 220.084



0, 0.000, 0.000



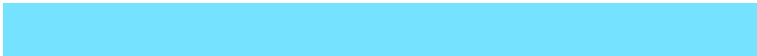
53, 0.007, 296.813

Same Dimension

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



84, 28.213, 222.333



85, 33.398, 223.577



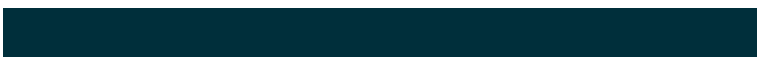
69, 42.860, 281.533



50, 4.057, 219.848



57, 34.686, 235.598



17, 15.292, 229.813

Inverse Universe

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



71, 59.685, 333.531



69, 72.607, 334.200



86, 42.287, 87.831



48, 7.623, 331.096



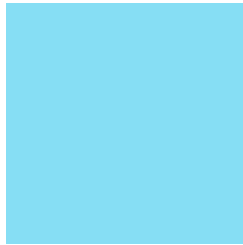
42, 78.112, 338.165



10, 35.426, 336.596

Previews

White Background



This preview shows how the CIE LCh color 84, 28.214, 222.335 looks on a white background.

Color Contrast Check

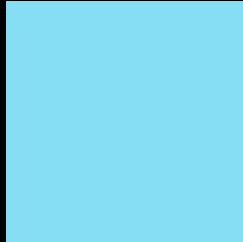
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 28.214, 222.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

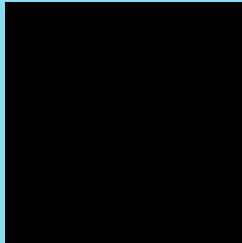
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 28.214, 222.335

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.214, 222.335.



This preview shows how white text looks on a background with the CIELCh color 84, 28.214, 222.335.

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



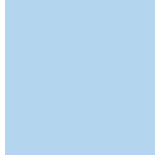


Tritanopia
84, 28.217, 217.573

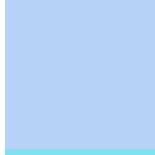
Trichromacy



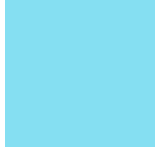
Original Color
84, 28.214, 222.335



Protanomaly
84, 16.986, 250.178

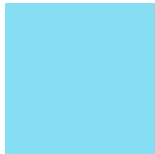


Deuteranomaly
84, 20.889, 265.130

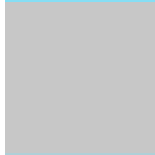


Tritanomaly
84, 28.312, 218.665

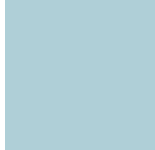
Monochromacy



Original Color
84, 28.214, 222.335



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 11.658, 220.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.214, 222.335 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(134, 222, 244)` looks like.

```
.text, #text, p{  
    color:rgb(134, 222, 244)  
}
```

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(134, 222, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 222, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.214, 222.335 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(134, 222, 244) }
```

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

```
.border{ border-color:rgb(134, 222, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 222, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 222, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 222, 244);  
box-shadow:4px 4px 4px 4px rgb(134, 222,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.214, 222.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 222, 244) }
```

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

```
.background{ background-color: rgb(134,  
222, 244) }
```

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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