

Converting Colors

CIELCh(84, 65.658, 111.908)

Have a look what the booklet for
CIELCh(84, 65.658, 111.908)
contains.

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Color

CIELCh(84, 65.646, 111.920)

Conversions

Conversions Part 1

Format	Color
Hex	C8DC58
RGB	200, 220, 88
RGB Percent	78%, 86%, 35%
CMY	0.2163, 0.1378, 0.6555
CMYK	0.09, 0.00, 0.60, 0.14
HSL	69°, 65%, 60%
HSV	69°, 60%, 86%
XYZ	51.0858, 64.0658, 18.8736
YIQ	198.9720, 30.4520, -45.2920

Conversions

Conversions Part 2

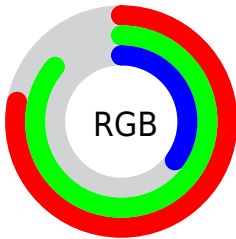
Format	Color
R _Y B	88, 220, 108
Decimal	13163608
CIE Lab	84.00, -24.51, 60.90
CIE LCh	84, 65.646, 111.920
Yxy	64.0658, 0.3812, 0.4780
Android (android.graphics.Color)	4291353688 (0xFFC8DC58)
YUV	198.9720, -54.7092, 0.9016
Hunter-Lab	80.0411, -26.1453, 42.0483

Details

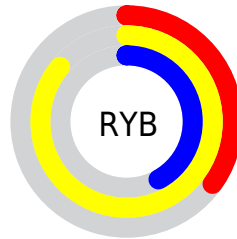
The CIELCh color **84, 65.646, 111.920** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **46, 77.566, 302.883**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 55.386, 105.939**, and **64, 65.606, 111.968** is the 20% darker color. If you saturate the color by 10%, you get **84, 74.194, 111.530**, and if you desaturate by 10%, it is **84, 55.894, 112.484**.

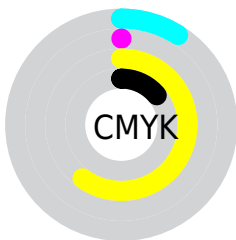
Distribution



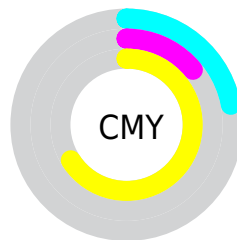
- Red (78%)
- Green (86%)
- Blue (35%)



- Red (35%)
- Yellow (86%)
- Blue (42%)



- Cyan (9%)
- Magenta (0%)
- Yellow (60%)
- Black (14%)





- Cyan (22%)
- Magenta (14%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 65.646, 111.920 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, 65.646, 111.920 by changing the saturation by 10% instead.


 84, 65.646,
111.920

 84, 65.646,
111.920


 100, 65.646,
111.920


 74, 65.646,
111.920

 64, 65.646,
111.920

 54, 65.646,
111.920

 44, 65.646,
111.920

 34, 65.646,
111.920

 24, 65.646,
111.920

 14, 65.646,

111.920

■ 4, 65.646, 111.920

■ 0, 65.646, 111.920

■ 84, 65.646,
111.920

■ 84, 65.646,
111.920

■ 84, 74.194,
111.530

■ 84, 55.894,
112.484

■ 83, 81.006,
111.388

■ 85, 45.359,
113.151

■ 83, 85.590,
111.575

■ 86, 34.339,
113.877

■ 83, 88.026,
112.084

■ 86, 23.033,
114.627

■ 87, 11.569,

115.379

■ 88, 0.035, 115.910

■ 89, 11.512,
296.831

■ 89, 18.512,
298.627

■ 89, 18.693,
302.077

Harmonies

Complementary

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



84, 65.646, 111.920



46, 77.566, 302.883

Rectangle

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



84, 65.646, 111.920



84, 65.646, 161.920



84, 65.646, 291.920



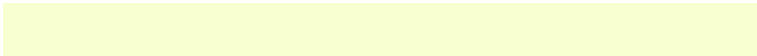
84, 65.646, 341.920

Sweetspot

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



84, 65.647, 111.922



98, 23.350, 114.769



59, 52.764, 36.790



52, 16.207, 114.548



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, 65.647, 111.922



95, 85.148, 111.467



80, 73.842, 131.273



46, 6.529, 115.424



67, 73.702, 111.944



17, 26.772, 112.600

Inverse Universe

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



46, 77.566, 302.883



45, 105.665, 304.694



53, 77.844, 316.575



42, 6.670, 296.858



21, 99.206, 306.923



2, 29.824, 298.630

Previews

White Background



This preview shows how the CIELCh color 84, 65.646, 111.920 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, 65.646, 111.920 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, 65.646, 111.920

Background



This preview shows how black text looks on a background with the CIELCh color 84, 65.646, 111.920.

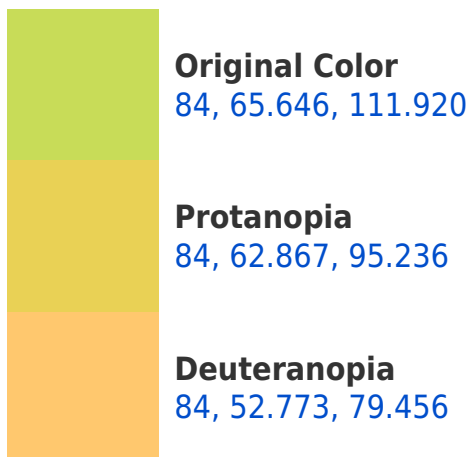


This preview shows how white text looks on a background with the CIELCh color 84, 65.646, 111.920.

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, 8.955, 309.374

Trichromacy



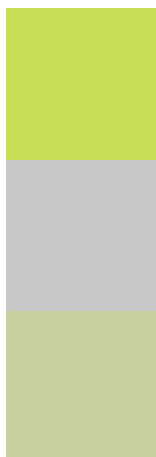
Original Color
84, 65.646, 111.920

Protanomaly
84, 63.192, 101.563

Deuteranomaly
84, 54.975, 92.853

Tritanomaly
84, 19.911, 110.659

Monochromacy



Original Color
84, 65.646, 111.920

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 25.382, 115.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 65.646, 111.920 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(200, 220, 88)` looks like.

```
.text, #text, p{  
    color:rgb(200, 220, 88)  
}
```

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(200, 220, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 220, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 65.646, 111.920 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(200, 220, 88) }
```

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

```
.border{ border-color:rgb(200, 220, 88) }
```

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

Here you see how a box with a 4 pixel rgb(200, 220, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 220, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 220, 88);  
box-shadow:4px 4px 4px 4px rgb(200, 220,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 65.646, 111.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 220, 88) }
```

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

```
.background{ background-color: rgb(200,  
220, 88) }
```

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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