

Converting Colors

CIELCh(88, 64.486, 115.180)

Have a look what the booklet for
CIELCh(88, 64.486, 115.180)
contains.

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Color

CIELCh(88, 64.701, 115.136)

Conversions

Conversions Part 1

Format	Color
Hex	CDE968
RGB	205, 233, 104
RGB Percent	80%, 91%, 41%
CMY	0.1971, 0.0873, 0.5931
CMYK	0.12, 0.00, 0.55, 0.09
HSL	73°, 74%, 66%
HSV	73°, 55%, 91%
XYZ	56.6544, 72.0653, 23.9544
YIQ	209.9220, 24.7210, -46.0550

Conversions

Conversions Part 2

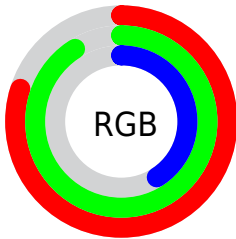
Format	Color
RYB	104, 233, 132
Decimal	13494632
CIELab	88.00, -27.48, 58.57
CIELCh	88, 64.701, 115.136
Yxy	72.0653, 0.3711, 0.4720
Android (android.graphics.Color)	4291684712 (0xFFCDE968)
YUV	209.9220, -52.2195, -4.3166
Hunter-Lab	84.8913, -29.4331, 42.6936

Details

The CIELCh color **88, 64.701, 115.136** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **53, 74.519, 303.909**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 47.839, 106.520**, and **68, 64.668, 115.086** is the 20% darker color. If you saturate the color by 10%, you get **87, 74.415, 114.759**, and if you desaturate by 10%, it is **89, 53.953, 115.670**.

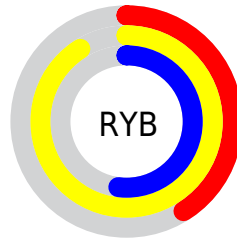
Distribution



Red (80%)

Green (91%)

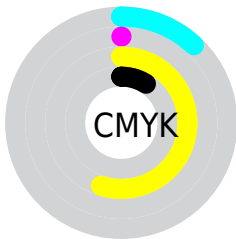
Blue (41%)



Red (41%)

Yellow (91%)

Blue (52%)

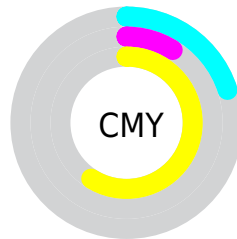


Cyan (12%)

Magenta (0%)

Yellow (55%)

Black (9%)



Cyan (20%)

Magenta (9%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 64.701, 115.136 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, 64.701, 115.136 by changing the saturation by 10% instead.


 88, 64.701,
115.136


 88, 64.701,
115.136


 100, 64.701,
115.136


 78, 64.701,
115.136

 68, 64.701,
115.136

 58, 64.701,
115.136

 48, 64.701,
115.136

 38, 64.701,
115.136


 28, 64.701,
115.136


 18, 64.701,


115.136


 8, 64.701, 115.136


 0, 64.701, 115.136


 88, 64.701,
115.136

 88, 64.701,
115.136


 87, 74.415,
114.759


 89, 53.953,
115.670


 87, 82.581,
114.619

 89, 42.547,
116.290

 87, 88.636,
114.818

 90, 30.746,
116.954

 86, 92.220,
115.432

 91, 18.721,
117.631

 86, 93.279,

 92, 6.586, 118.301

115.810

■ 93, 5.583, 298.943

■ 93, 11.807,
303.452

■ 94, 12.313,
311.435

■ 94, 13.038,
318.732

Harmonies

Complementary

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



88, 64.701, 115.136



53, 74.519, 303.909

Rectangle

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



88, 64.701, 115.136



88, 64.701, 165.136



88, 64.701, 295.136



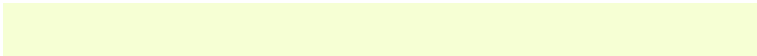
88, 64.701, 345.136

Sweetspot

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



88, 64.702, 115.138



98, 22.214, 117.518



66, 48.234, 41.577



52, 14.849, 117.382



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, 64.702, 115.138



95, 81.559, 114.711



84, 73.438, 133.356



49, 6.947, 118.031



69, 77.220, 115.620



20, 31.290, 115.130

Inverse Universe

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



53, 74.519, 303.909



49, 97.917, 305.339



59, 76.102, 318.511



45, 7.091, 299.309



23, 101.678, 307.420



3, 36.300, 302.865

Previews

White Background



This preview shows how the CIELCh color 88, 64.701, 115.136 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, 64.701, 115.136 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, 64.701, 115.136

Background



This preview shows how black text looks on a background with the CIELCh color 88, 64.701, 115.136.



This preview shows how white text looks on a background with the CIELCh color 88, 64.701, 115.136.

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, 64.701, 115.136

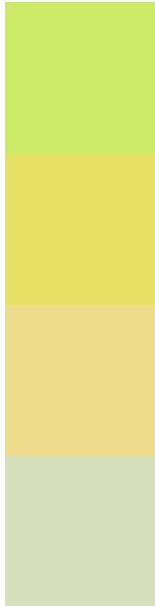
Protanopia
88, 61.267, 95.901

Deuteranopia
88, 33.055, 76.879



Tritanopia
88, 8.901, 293.157

Trichromacy



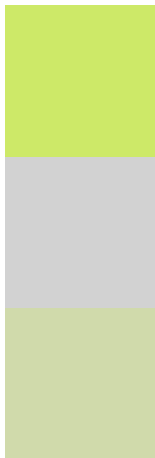
Original Color
88, 64.701, 115.136

Protanomaly
88, 61.638, 103.053

Deuteranomaly
88, 42.178, 97.154

Tritanomaly
88, 19.068, 120.006

Monochromacy



Original Color
88, 64.701, 115.136

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 24.758, 117.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 64.701, 115.136 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(205, 233, 104)` looks like.

```
.text, #text, p{  
    color:rgb(205, 233, 104)  
}
```

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(205, 233, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 233, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 64.701, 115.136 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(205, 233, 104) }
```

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

```
.border{ border-color:rgb(205, 233, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 233, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 233, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 233, 104);  
box-shadow:4px 4px 4px 4px rgb(205, 233,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 64.701, 115.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 233, 104) }
```

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

```
.background{ background-color: rgb(205,  
233, 104) }
```

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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