

Converting Colors

CIELCh(88, 74.387, 113.863)

Have a look what the booklet for
CIELCh(88, 74.387, 113.863)
contains.

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Color

CIELCh(88, 74.451, 113.782)

Conversions

Conversions Part 1

Format	Color
Hex	CCEA51
RGB	204, 234, 81
RGB Percent	80%, 92%, 32%
CMY	0.2012, 0.0835, 0.6835
CMYK	0.13, 0.00, 0.65, 0.08
HSL	72°, 78%, 62%
HSV	72°, 65%, 92%
XYZ	55.6346, 72.0653, 18.7053
YIQ	207.5880, 31.2330, -53.9430

Conversions

Conversions Part 2

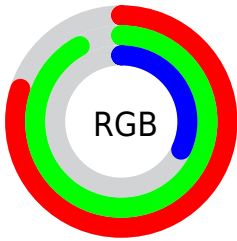
Format	Color
R_{YB}	81, 234, 111
Decimal	13429329
CIE _{Lab}	88.00, -30.02, 68.13
CIE _{LCh}	88, 74.451, 113.782
Yxy	72.0653, 0.3800, 0.4922
Android (android.graphics.Color)	4291619409 (0xFFCCEA51)
YUV	207.5880, -62.4079, -3.1467
Hunter-Lab	84.8913, -31.5773, 46.3597

Details

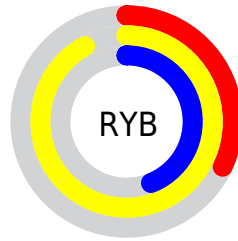
The CIELCh color **88, 74.451, 113.782** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **46, 89.176, 304.660**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 58.151, 105.727**, and **68, 74.433, 113.819** is the 20% darker color. If you saturate the color by 10%, you get **88, 82.576, 113.609**, and if you desaturate by 10%, it is **89, 64.763, 114.191**.

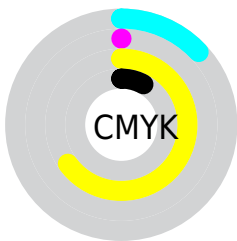
Distribution



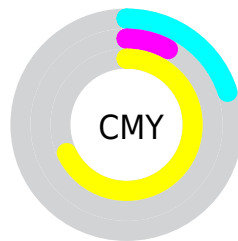
- Red (80%)
- Green (92%)
- Blue (32%)



- Red (32%)
- Yellow (92%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (65%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 74.451, 113.782 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, 74.451, 113.782 by changing the saturation by 10% instead.

 88, 74.451,
113.782

 88, 74.451,
113.782

 100, 74.451,
113.782


 78, 74.451,
113.782

 68, 74.451,
113.782

 58, 74.451,
113.782

 48, 74.451,
113.782

 38, 74.451,
113.782

 28, 74.451,
113.782

 18, 74.451,

113.782

■ 8, 74.451, 113.782

■ 0, 74.451, 113.782

■ 88, 74.451,
113.782

■ 88, 74.451,
113.782

■ 88, 82.576,
113.609

■ 89, 64.763,
114.191

■ 87, 88.572,
113.762

■ 89, 54.026,
114.749

■ 87, 92.076,
114.314

■ 90, 42.625,
115.393

■ 87, 93.087,
114.656


■ 90, 30.822,
116.081


■ 91, 18.791,

116.782

 92, 6.646, 117.476

 93, 5.537, 298.146

 94, 11.255,
302.773

 94, 11.694,
310.411

Harmonies

Complementary

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



88, 74.451, 113.782



46, 89.176, 304.660

Rectangle

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



88, 74.451, 113.782



88, 74.451, 163.782



88, 74.451, 293.782



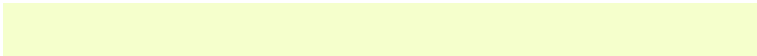
88, 74.451, 343.782

Sweetspot

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



88, 74.452, 113.784



98, 26.044, 116.457



61, 60.382, 39.807



52, 17.748, 116.259



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, 74.452, 113.784



94, 91.010, 113.625



84, 84.277, 132.023



49, 6.931, 117.200



69, 76.829, 114.479



20, 31.168, 114.067

Inverse Universe

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



46, 89.176, 304.660



41, 114.724, 306.245



54, 88.344, 317.703



45, 7.077, 298.529



23, 101.952, 307.236



3, 36.229, 302.352

Previews

White Background



This preview shows how the CIELCh color 88, 74.451, 113.782 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, 74.451, 113.782 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, 74.451, 113.782

Background



This preview shows how black text looks on a background with the CIELCh color 88, 74.451, 113.782.



This preview shows how white text looks on a background with the CIELCh color 88, 74.451, 113.782.

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, 74.451, 113.782

Protanopia

88, 70.816, 95.542

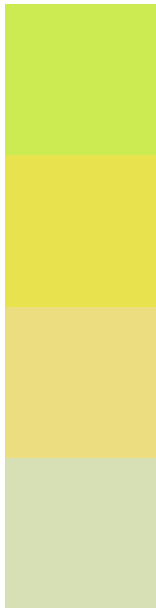
Deuteranopia

88, 35.098, 79.249



Tritanopia
88, 8.901, 293.157

Trichromacy



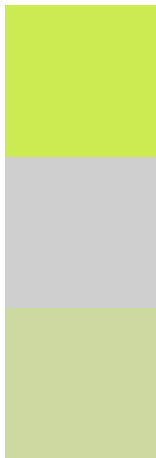
Original Color
88, 74.451, 113.782

Protanomaly
88, 71.437, 102.510

Deuteranomaly
88, 47.836, 98.709

Tritanomaly
87, 23.118, 117.759

Monochromacy



Original Color
88, 74.451, 113.782

Achromatopsia
83, 0.010, 296.813

Achromatomaly
85, 29.407, 116.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 74.451, 113.782 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(204, 234, 81)` looks like.

```
.text, #text, p{  
    color:rgb(204, 234, 81)  
}
```

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(204, 234, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 234, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 74.451, 113.782 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(204, 234, 81) }
```

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

```
.border{ border-color:rgb(204, 234, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 234, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 234, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 234, 81);  
box-shadow:4px 4px 4px 4px rgb(204, 234,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 74.451, 113.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 234, 81) }
```

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

```
.background{ background-color: rgb(204,  
234, 81) }
```

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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