

Converting Colors

CIELCh(88, 84.107, 138.900)

Have a look what the booklet for
CIELCh(88, 84.107, 138.900)
contains.

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Color

CIELCh(88, 83.691, 138.965)

Conversions

Conversions Part 1

Format	Color
Hex	72F86D
RGB	114, 248, 109
RGB Percent	45%, 97%, 43%
CMY	0.5515, 0.0261, 0.5713
CMYK	0.54, 0.00, 0.56, 0.03
HSL	118°, 91%, 70%
HSV	118°, 56%, 97%
XYZ	43.4418, 72.0653, 26.1800
YIQ	192.0880, -35.2450, -71.6370

Conversions

Conversions Part 2

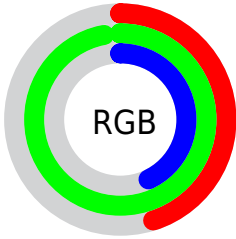
Format	Color
RYB	109, 248, 243
Decimal	7534701
CIELab	88.00, -63.13, 54.94
CIELCh	88, 83.691, 138.965
Yxy	72.0653, 0.3066, 0.5086
Android (android.graphics.Color)	4285724781 (0xFF72F86D)
YUV	192.0880, -40.9624, -68.4832
Hunter-Lab	84.8913, -57.2151, 41.1392

Details

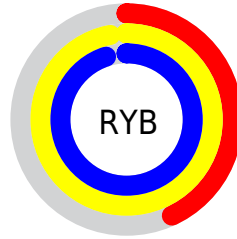
The CIELCh color **88, 83.691, 138.965** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **67, 83.294, 326.194**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 54.698, 138.920**, and **68, 83.376, 138.983** is the 20% darker color. If you saturate the color by 10%, you get **87, 95.735, 137.930**, and if you desaturate by 10%, it is **89, 70.072, 139.993**.

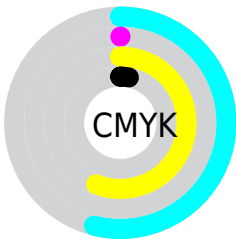
Distribution



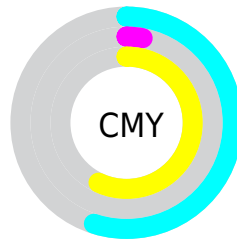
- Red (45%)
- Green (97%)
- Blue (43%)



- Red (43%)
- Yellow (97%)
- Blue (95%)



- Cyan (54%)
- Magenta (0%)
- Yellow (56%)
- Black (3%)





- Cyan (55%)
- Magenta (3%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 83.691, 138.965 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, 83.691, 138.965 by changing the saturation by 10% instead.


 88, 83.691,
138.965

 88, 83.691,
138.965


 100, 83.691,
138.965

 78, 83.691,
138.965

 68, 83.691,
138.965

 58, 83.691,
138.965

 48, 83.691,
138.965

 38, 83.691,
138.965


 28, 83.691,
138.965


 18, 83.691,


138.965


 8, 83.691, 138.965


 0, 83.691, 138.965


 88, 83.691,
138.965


 88, 83.691,
138.965


 87, 95.735,
137.930


 89, 70.072,
139.993


 86, 105.568,
136.999


 91, 55.419,
140.944

 86, 112.562,
136.319

 92, 40.171,
141.791

 86, 116.375,
136.000

 94, 24.670,
142.528

 86, 117.238,

 96, 9.174, 143.175

135.912



98, 4.136, 324.511

Harmonies

Complementary

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



88, 83.691, 138.965



67, 83.294, 326.194

Rectangle

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



88, 83.691, 138.965



88, 83.691, 188.965



88, 83.691, 318.965



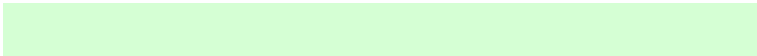
88, 83.691, 8.965

Sweetspot

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



88, 83.692, 138.966



96, 26.824, 142.456



94, 64.844, 102.474



51, 17.953, 142.314



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, 83.692, 138.966



89, 98.911, 137.818



89, 60.442, 154.964



51, 8.790, 142.954



67, 95.322, 135.870



21, 42.172, 136.537

Inverse Universe

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



67, 83.294, 326.194



65, 97.758, 326.540



65, 62.733, 346.961



49, 8.808, 323.953



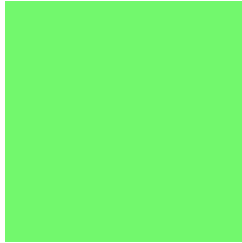
44, 92.319, 326.803



11, 41.758, 326.982

Previews

White Background



This preview shows how the CIE LCh color 88, 83.691, 138.965 looks on a white background.

Color Contrast Check

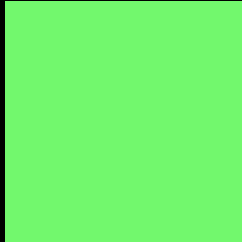
Large Text (above 18pt) WCAG AA × Fail

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, 83.691, 138.965 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, 83.691, 138.965

Background



This preview shows how black text looks on a background with the CIELCh color 88, 83.691, 138.965.

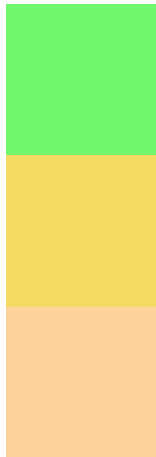


This preview shows how white text looks on a background with the CIELCh color 88, 83.691, 138.965.

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, 83.691, 138.965

Protanopia
87, 60.521, 95.404

Deuteranopia
87, 34.220, 77.018

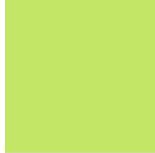


Tritanopia
88, 27.646, 219.082

Trichromacy



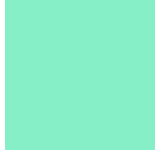
Original Color
88, 83.691, 138.965



Protanomaly
87, 64.430, 117.376



Deuteranomaly
86, 44.731, 117.264

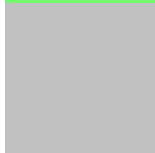


Tritanomaly
87, 40.484, 166.518

Monochromacy



Original Color
88, 83.691, 138.965



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 32.036, 141.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 83.691, 138.965 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(114, 248, 109)` looks like.

```
.text, #text, p{  
    color:rgb(114, 248, 109)  
}
```

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(114, 248, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 248, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 83.691, 138.965 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(114, 248, 109) }
```

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

```
.border{ border-color:rgb(114, 248, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 248, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 248, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 248, 109);  
box-shadow:4px 4px 4px 4px rgb(114, 248,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 83.691, 138.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 248, 109) }
```

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

```
.background{ background-color: rgb(114,  
248, 109) }
```

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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