

Converting Colors

CIELCh(88, 81.631, 141.719)

Have a look what the booklet for
CIELCh(88, 81.631, 141.719)
contains.

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Color

CIELCh(88, 81.682, 141.772)

Conversions

Conversions Part 1

Format	Color
Hex	6AF977
RGB	106, 249, 119
RGB Percent	42%, 98%, 47%
CMY	0.5848, 0.0240, 0.5337
CMYK	0.57, 0.00, 0.52, 0.02
HSL	125°, 92%, 70%
HSV	125°, 57%, 98%
XYZ	43.0919, 72.0653, 29.0586
YIQ	191.4230, -43.4980, -70.7460

Conversions

Conversions Part 2

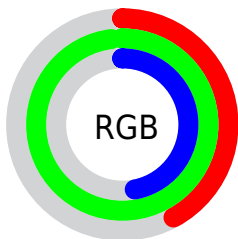
Format	Color
RYB	106, 237, 249
Decimal	7010679
CIELab	88.00, -64.17, 50.54
CIELCh	88, 81.682, 141.772
Yxy	72.0653, 0.2988, 0.4997
Android (android.graphics.Color)	4285200759 (0xFF6AF977)
YUV	191.4230, -35.7045, -74.9160
Hunter-Lab	84.8913, -57.9508, 39.1287

Details

The CIELCh color **88, 81.682, 141.772** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **67, 80.645, 330.303**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 51.882, 143.794**, and **68, 81.543, 141.797** is the 20% darker color. If you saturate the color by 10%, you get **87, 93.212, 140.445**, and if you desaturate by 10%, it is **89, 68.765, 143.000**.

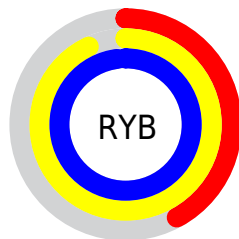
Distribution



Red (42%)

Green (98%)

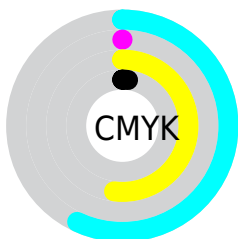
Blue (47%)



Red (42%)

Yellow (93%)

Blue (98%)

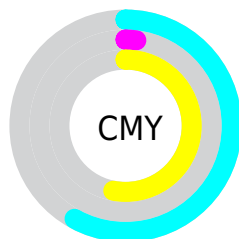


Cyan (57%)

Magenta (0%)

Yellow (52%)

Black (2%)



Cyan (58%)


Magenta (2%)

Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 81.682, 141.772 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, 81.682, 141.772 by changing the saturation by 10% instead.

 88, 81.682,
141.772


 88, 81.682,
141.772

 100, 81.682,
141.772


 78, 81.682,
141.772

 68, 81.682,
141.772

 58, 81.682,
141.772

 48, 81.682,
141.772

 38, 81.682,
141.772


 28, 81.682,
141.772


 18, 81.682,


141.772


 8, 81.682, 141.772


 0, 81.682, 141.772


 88, 81.682,
141.772


 88, 81.682,
141.772


 87, 93.212,
140.445


 89, 68.765,
143.000

 87, 102.891,
139.093


 91, 54.886,
144.094


 86, 110.270,
137.831

 92, 40.420,
145.047

 86, 115.029,
136.810

 94, 25.679,
145.868

 86, 115.853,

 96, 10.912,

136.630

146.582

98, 3.651, 326.152

98, 3.805, 324.493

Harmonies

Complementary

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



88, 81.682, 141.772



67, 80.645, 330.303

Rectangle

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



88, 81.682, 141.772



88, 81.682, 191.772



88, 81.682, 321.772



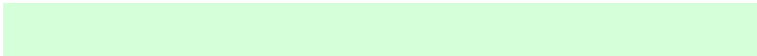
88, 81.682, 11.772

Sweetspot

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



88, 81.683, 141.772



96, 25.493, 145.901



95, 69.436, 108.808



51, 17.062, 145.747



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, 81.683, 141.772



89, 96.686, 140.225



89, 54.989, 161.784



51, 8.353, 146.443



67, 93.733, 136.791



21, 40.549, 138.790

Inverse Universe

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



67, 80.645, 330.303



64, 94.040, 330.897



64, 60.466, 355.945



49, 8.370, 327.529



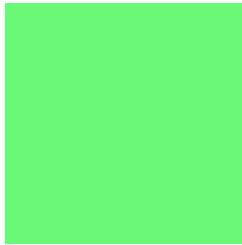
44, 85.792, 332.232



11, 39.168, 331.683

Previews

White Background



This preview shows how the CIELCh color 88, 81.682, 141.772 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, 81.682, 141.772 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

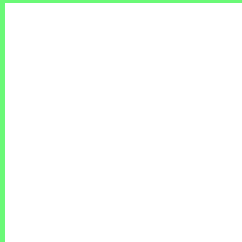
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 81.682, 141.772

Background



This preview shows how black text looks on a background with the CIELCh color 88, 81.682, 141.772.

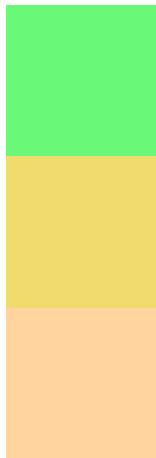


This preview shows how white text looks on a background with the CIELCh color 88, 81.682, 141.772.

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, 81.682, 141.772

Protanopia
87, 56.423, 95.544

Deuteranopia
87, 33.313, 76.268

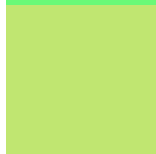


Tritanopia
88, 29.458, 217.606

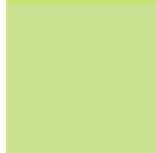
Trichromacy



Original Color
88, 81.682, 141.772



Protanomaly
87, 60.505, 119.972



Deuteranomaly
86, 42.583, 119.558

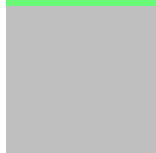


Tritanomaly
87, 40.825, 170.043

Monochromacy



Original Color
88, 81.682, 141.772



Achromatopsia
77, 0.009, 296.813



Achromatomaly
80, 31.591, 145.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 81.682, 141.772 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(106, 249, 119)` looks like.

```
.text, #text, p{  
    color:rgb(106, 249, 119)  
}
```

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(106, 249, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 249, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 81.682, 141.772 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(106, 249, 119) }
```

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

```
.border{ border-color:rgb(106, 249, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 249, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 249, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 249, 119);  
box-shadow:4px 4px 4px 4px rgb(106, 249,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 81.682, 141.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 249, 119) }
```

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

```
.background{ background-color: rgb(106,  
249, 119) }
```

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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