

Converting Colors

CIELCh(88, 82.279, 142.245)

Have a look what the booklet for
CIELCh(88, 82.279, 142.245)
contains.

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Color

CIELCh(88, 82.279, 142.245)

Conversions

Conversions Part 1

Format	Color
Hex	66F977
RGB	102, 249, 119
RGB Percent	40%, 98%, 47%
CMY	0.5990, 0.0226, 0.5325
CMYK	0.59, 0.00, 0.52, 0.02
HSL	127°, 93%, 69%
HSV	127°, 59%, 98%
XYZ	42.7941, 72.0653, 29.1711
YIQ	190.2270, -45.8820, -71.5940

Conversions

Conversions Part 2

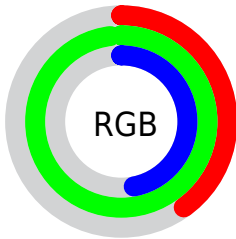
Format	Color
RYB	102, 234, 249
Decimal	6748535
CIELab	88.00, -65.05, 50.38
CIElCh	88, 82.279, 142.245
Yxy	72.0653, 0.2971, 0.5003
Android (android.graphics.Color)	4284938615 (0xFF66F977)
YUV	190.2270, -35.1149, -77.3751
Hunter-Lab	84.8913, -58.5771, 39.0501

Details

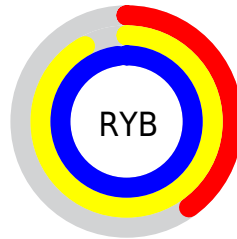
The CIELCh color **88, 82.279, 142.245** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **66, 81.093, 331.252**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 52.486, 144.567**, and **68, 82.165, 142.264** is the 20% darker color. If you saturate the color by 10%, you get **87, 93.489, 140.865**, and if you desaturate by 10%, it is **89, 69.693, 143.516**.

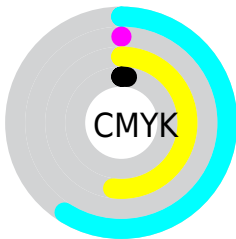
Distribution



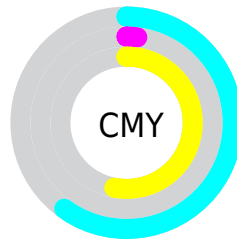
- Red (40%)
- Green (98%)
- Blue (47%)



- Red (40%)
- Yellow (92%)
- Blue (98%)



- Cyan (59%)
- Magenta (0%)
- Yellow (52%)
- Black (2%)





- Cyan (60%)
- Magenta (2%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 82.279, 142.245 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, 82.279, 142.245 by changing the saturation by 10% instead.


 88, 82.279,
142.245


 88, 82.279,
142.245


 100, 82.279,
142.245


 78, 82.279,
142.245

 68, 82.279,
142.245

 58, 82.279,
142.245

 48, 82.279,
142.245

 38, 82.279,
142.245


 28, 82.279,
142.245

 18, 82.279,


142.245


 8, 82.279, 142.245


 0, 82.279, 142.245


 88, 82.279,
142.245


 88, 82.279,
142.245


 87, 93.489,
140.865


 89, 69.693,
143.516

 87, 102.900,
139.445


 90, 56.130,
144.645


 86, 110.110,
138.096

 92, 41.954,
145.629

 86, 114.864,
136.981

 94, 27.471,
146.478

 86, 115.228,

 96, 12.931,

136.897

147.213

98, 1.477, 327.574

99, 3.594, 324.481

Harmonies

Complementary

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



88, 82.279, 142.245



66, 81.093, 331.252

Rectangle

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



88, 82.279, 142.245



88, 82.279, 192.245



88, 82.279, 322.245



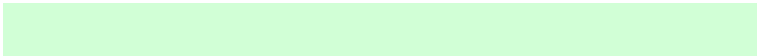
88, 82.279, 12.245

Sweetspot

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



88, 82.280, 142.245



96, 26.542, 146.552



94, 71.154, 109.512



51, 18.456, 146.321



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, 82.280, 142.245



89, 97.314, 140.566



89, 55.395, 162.544



51, 8.212, 147.176



67, 93.066, 137.087



21, 40.043, 139.282

Inverse Universe

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



66, 81.093, 331.252



63, 94.173, 331.933



64, 61.567, 357.459



49, 8.229, 328.277



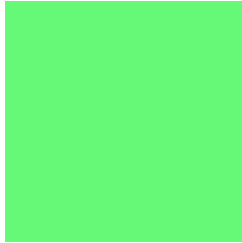
44, 84.176, 333.441



11, 38.520, 332.710

Previews

White Background



This preview shows how the CIELCh color 88, 82.279, 142.245 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, 82.279, 142.245 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

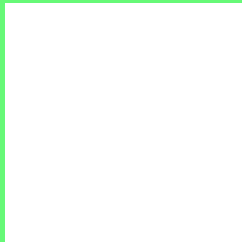
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 82.279, 142.245

Background



This preview shows how black text looks on a background with the CIELCh color 88, 82.279, 142.245.

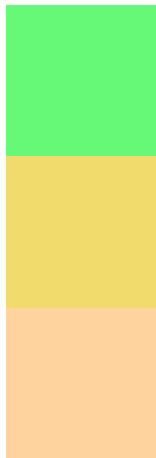


This preview shows how white text looks on a background with the CIELCh color 88, 82.279, 142.245.

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, 82.279, 142.245

Protanopia
87, 56.423, 95.544

Deuteranopia
87, 33.126, 75.267

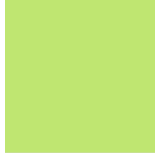


Tritanopia
88, 30.340, 216.945

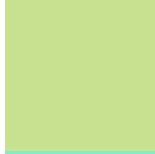
Trichromacy



Original Color
88, 82.279, 142.245



Protanomaly
86, 60.614, 120.324



Deuteranomaly
86, 42.777, 120.560

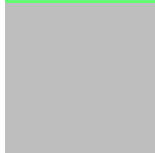


Tritanomaly
87, 41.697, 170.602

Monochromacy



Original Color
88, 82.279, 142.245



Achromatopsia
77, 0.009, 296.813



Achromatomaly
80, 32.460, 145.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 82.279, 142.245 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(102, 249, 119)` looks like.

```
.text, #text, p{  
    color:rgb(102, 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(102, 249, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 249, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 82.279, 142.245 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(102, 249, 119) }
```

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

```
.border{ border-color:rgb(102, 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(102, 249, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 249, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 249, 119);  
box-shadow:4px 4px 4px 4px rgb(102, 249,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 82.279, 142.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 249, 119) }
```

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

```
.background{ background-color: rgb(102,  
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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