

Converting Colors

CIELCh(88, 66.612, 147.717)

Have a look what the booklet for
CIELCh(88, 66.612, 147.717)
contains.

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Color

CIELCh(88, 66.455, 147.709)

Conversions

Conversions Part 1

Format	Color
Hex	74F696
RGB	116, 246, 150
RGB Percent	45%, 96%, 59%
CMY	0.5437, 0.0340, 0.4105
CMYK	0.53, 0.00, 0.39, 0.03
HSL	136°, 88%, 71%
HSV	136°, 53%, 97%
XYZ	45.8367, 72.0653, 40.4787
YIQ	196.1860, -46.6640, -57.4160

Conversions

Conversions Part 2

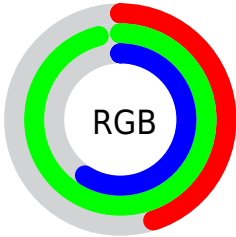
Format	Color
RYB	116, 219, 246
Decimal	7665302
CIELab	88.00, -56.18, 35.50
CIElCh	88, 66.455, 147.709
Yxy	72.0653, 0.2894, 0.4550
Android (android.graphics.Color)	4285855382 (0xFF74F696)
YUV	196.1860, -22.7697, -70.3231
Hunter-Lab	84.8913, -52.1793, 31.1527

Details

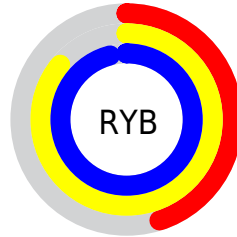
The CIELCh color **88, 66.455, 147.709** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **67, 66.490, 336.712**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 37.825, 154.451**, and **68, 66.633, 147.728** is the 20% darker color. If you saturate the color by 10%, you get **87, 77.424, 146.253**, and if you desaturate by 10%, it is **89, 54.618, 148.985**.

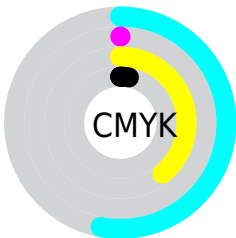
Distribution



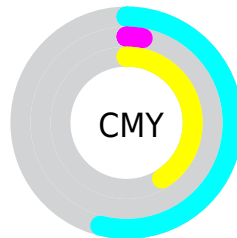
- Red (45%)
- Green (96%)
- Blue (59%)



- Red (45%)
- Yellow (86%)
- Blue (96%)



- Cyan (53%)
- Magenta (0%)
- Yellow (39%)
- Black (3%)




- Cyan (54%)
- Magenta (3%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 66.455, 147.709 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, 66.455, 147.709 by changing the saturation by 10% instead.


 88, 66.455,
147.709


 88, 66.455,
147.709


 100, 66.455,
147.709


 78, 66.455,
147.709

 68, 66.455,
147.709

 58, 66.455,
147.709

 48, 66.455,
147.709

 38, 66.455,
147.709


 28, 66.455,
147.709


 18, 66.455,


147.709


 8, 66.455, 147.709


 0, 66.455, 147.709


 88, 66.455,
147.709


 88, 66.455,
147.709


 87, 77.424,
146.253


 89, 54.618,
148.985


 86, 87.265,
144.620


 91, 42.174,
150.094

 86, 95.759,
142.839

 92, 29.375,
151.054

 85, 102.747,
140.981

 94, 16.438,
151.890

 85, 106.871,

 96, 3.538, 152.692

139.688



98, 5.391, 324.572

Harmonies

Complementary

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



88, 66.455, 147.709



67, 66.490, 336.712

Rectangle

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



88, 66.455, 147.709



88, 66.455, 197.709



88, 66.455, 327.709



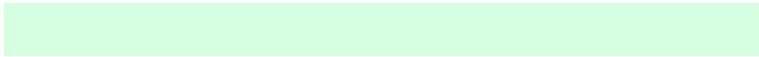
88, 66.455, 17.709

Sweetspot

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



88, 66.456, 147.709



97, 21.207, 151.629



92, 65.179, 116.705



51, 14.325, 151.458



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, 66.456, 147.709



90, 79.847, 146.199



89, 43.881, 173.839



50, 7.266, 152.145



66, 85.918, 140.025



21, 35.610, 143.087

Inverse Universe

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



67, 66.490, 336.712



65, 78.832, 337.674



65, 53.258, 7.146



48, 7.297, 333.363



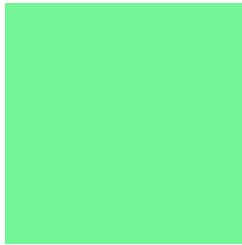
42, 74.756, 342.135



10, 34.057, 339.837

Previews

White Background



This preview shows how the CIE LCh color 88, 66.455, 147.709 looks on a white background.

Color Contrast Check

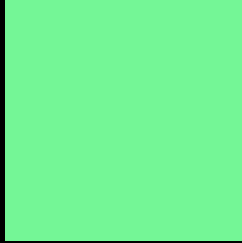
Large Text (above 18pt) WCAG AA × Fail

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, 66.455, 147.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

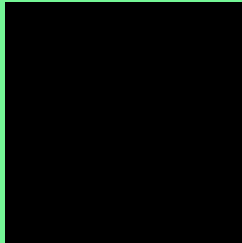
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 66.455, 147.709

Background



This preview shows how black text looks on a background with the CIELCh color 88, 66.455, 147.709.

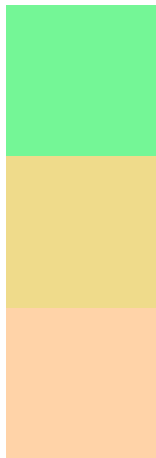


This preview shows how white text looks on a background with the CIELCh color 88, 66.455, 147.709.

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, 66.455, 147.709

Protanopia

87, 41.962, 95.414

Deuteranopia

87, 28.735, 70.533



Tritanopia
88, 28.787, 218.126

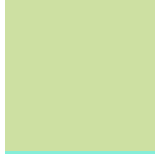
Trichromacy



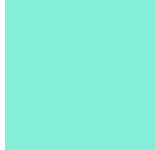
Original Color
88, 66.455, 147.709



Protanomaly
87, 46.037, 123.858



Deuteranomaly
86, 32.860, 120.449

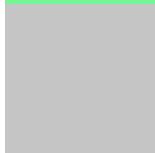


Tritanomaly
88, 35.655, 178.141

Monochromacy



Original Color
88, 66.455, 147.709



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 25.366, 150.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 66.455, 147.709 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(116, 246, 150)` looks like.

```
.text, #text, p{  
    color:rgb(116, 246, 150)  
}
```

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(116, 246, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 246, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 66.455, 147.709 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(116, 246, 150) }
```

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

```
.border{ border-color:rgb(116, 246, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 246, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 246, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 246, 150);  
box-shadow:4px 4px 4px 4px rgb(116, 246,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 66.455, 147.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 246, 150) }
```

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

```
.background{ background-color: rgb(116,  
246, 150) }
```

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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