

Converting Colors

CIELCh(88, 72.008, 147.806)

Have a look what the booklet for
CIELCh(88, 72.008, 147.806)
contains.

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Color

CIELCh(88, 72.172, 147.781)

Conversions

Conversions Part 1

Format	Color
Hex	66F890
RGB	102, 248, 144
RGB Percent	40%, 97%, 56%
CMY	0.5994, 0.0269, 0.4348
CMYK	0.59, 0.00, 0.42, 0.03
HSL	137°, 91%, 69%
HSV	137°, 59%, 97%
XYZ	44.1461, 72.0653, 38.0161
YIQ	192.4900, -53.6320, -63.2960

Conversions

Conversions Part 2

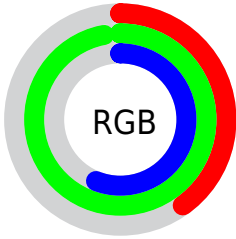
Format	Color
RYB	102, 215, 248
Decimal	6748304
CIELab	88.00, -61.06, 38.48
CIELCh	88, 72.172, 147.781
Yxy	72.0653, 0.2862, 0.4673
Android (android.graphics.Color)	4284938384 (0xFF66F890)
YUV	192.4900, -23.9056, -79.3597
Hunter-Lab	84.8913, -55.7342, 32.8725

Details

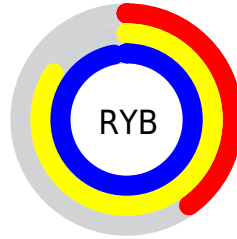
The CIELCh color **88, 72.172, 147.781** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **65, 71.966, 338.511**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 42.833, 154.687**, and **68, 71.948, 147.852** is the 20% darker color. If you saturate the color by 10%, you get **87, 82.348, 146.191**, and if you desaturate by 10%, it is **89, 60.999, 149.184**.

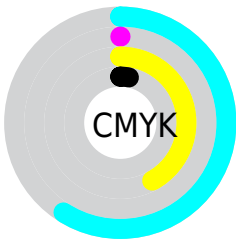
Distribution



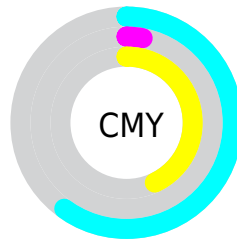
- Red (40%)
- Green (97%)
- Blue (56%)



- Red (40%)
- Yellow (84%)
- Blue (97%)



- Cyan (59%)
- Magenta (0%)
- Yellow (42%)
- Black (3%)





- Cyan (60%)
- Magenta (3%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 72.172, 147.781 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, 72.172, 147.781 by changing the saturation by 10% instead.


 88, 72.172,
147.781

 88, 72.172,
147.781


 100, 72.172,
147.781


 78, 72.172,
147.781

 68, 72.172,
147.781

 58, 72.172,
147.781

 48, 72.172,
147.781

 38, 72.172,
147.781


 28, 72.172,
147.781


 18, 72.172,


147.781


 8, 72.172, 147.781


 0, 72.172, 147.781


 88, 72.172,
147.781


 88, 72.172,
147.781


 87, 82.348,
146.191


 89, 60.999,
149.184

 87, 91.306,
144.425


 90, 49.074,
150.407

 86, 98.889,
142.527

 92, 36.651,
151.468

 86, 105.045,
140.604

 94, 23.960,
152.390

 86, 105.691,

 96, 11.199,

140.398

153.205

98, 1.476, 333.597

98, 4.274, 324.518

Harmonies

Complementary

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



88, 72.172, 147.781



65, 71.966, 338.511

Rectangle

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



88, 72.172, 147.781



88, 72.172, 197.781



88, 72.172, 327.781



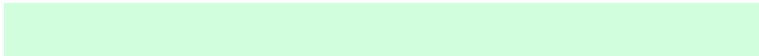
88, 72.172, 17.781

Sweetspot

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



88, 72.173, 147.781



96, 23.406, 152.460



92, 72.610, 117.907



51, 16.270, 152.207



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, 72.173, 147.781



89, 86.257, 145.805



89, 46.688, 175.703



51, 7.249, 153.153



67, 85.357, 140.742



22, 36.074, 143.740

Inverse Universe

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



65, 71.966, 338.511



62, 84.000, 339.862



63, 59.581, 11.266



49, 7.284, 334.401



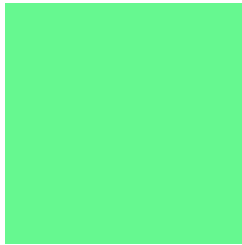
42, 74.184, 344.006



10, 34.398, 341.472

Previews

White Background



This preview shows how the CIE LCh color 88, 72.172, 147.781 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, 72.172, 147.781 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, 72.172, 147.781

Background



This preview shows how black text looks on a background with the CIELCh color 88, 72.172, 147.781.

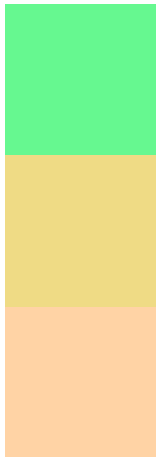


This preview shows how white text looks on a background with the CIELCh color 88, 72.172, 147.781.

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, 72.172, 147.781

Protanopia
87, 44.880, 95.833

Deuteranopia
87, 30.029, 72.114

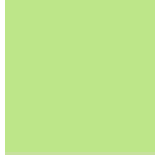


Tritanopia
88, 30.986, 216.492

Trichromacy



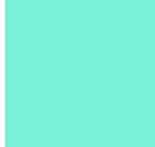
Original Color
88, 72.172, 147.781



Protanomaly
87, 50.024, 125.002



Deuteranomaly
86, 36.497, 123.289



Tritanomaly
88, 39.619, 176.661

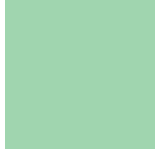
Monochromacy



Original Color
88, 72.172, 147.781



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 28.062, 151.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 72.172, 147.781 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, 248, 144)` looks like.

```
.text, #text, p{  
    color:rgb(102, 248, 144)  
}
```

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, 248, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 248, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 72.172, 147.781 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, 248, 144) }
```

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

```
.border{ border-color:rgb(102, 248, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 248, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 248, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 248, 144);  
box-shadow:4px 4px 4px 4px rgb(102, 248,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 72.172, 147.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 248, 144) }
```

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

```
.background{ background-color: rgb(102,  
248, 144) }
```

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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