

Converting Colors

CIELCh(88, 72.605, 130.842)

Have a look what the booklet for
CIELCh(88, 72.605, 130.842)
contains.

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Color

CIELCh(88, 72.779, 130.840)

Conversions

Conversions Part 1

Format	Color
Hex	9FF26E
RGB	159, 242, 110
RGB Percent	62%, 95%, 43%
CMY	0.3761, 0.0506, 0.5683
CMYK	0.34, 0.00, 0.55, 0.05
HSL	98°, 84%, 69%
HSV	98°, 55%, 95%
XYZ	48.9134, 72.0653, 26.1073
YIQ	202.1350, -7.0960, -58.6480

Conversions

Conversions Part 2

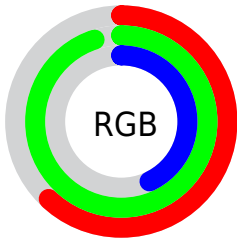
Format	Color
RYB	110, 242, 193
Decimal	10482286
CIELab	88.00, -47.59, 55.06
CIELCh	88, 72.779, 130.840
Yxy	72.0653, 0.3325, 0.4900
Android (android.graphics.Color)	4288672366 (0xFF9FF26E)
YUV	202.1350, -45.4226, -37.8294
Hunter-Lab	84.8913, -45.7099, 41.1900

Details

The CIELCh color **88, 72.779, 130.840** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **61, 76.789, 315.772**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 47.446, 124.539**, and **68, 72.694, 130.842** is the 20% darker color. If you saturate the color by 10%, you get **87, 84.314, 130.501**, and if you desaturate by 10%, it is **89, 60.218, 131.304**.

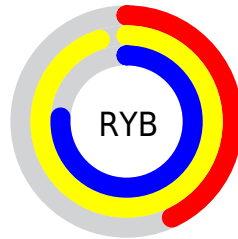
Distribution



Red (62%)

Green (95%)

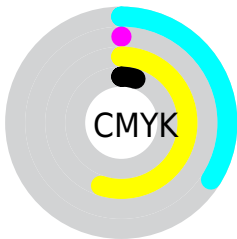
Blue (43%)



Red (43%)

Yellow (95%)

Blue (76%)

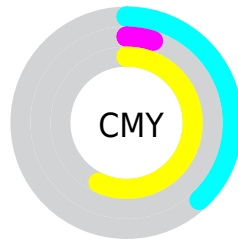


Cyan (34%)

Magenta (0%)

Yellow (55%)

Black (5%)



Cyan (38%)

Magenta (5%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 72.779, 130.840 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, 72.779, 130.840 by changing the saturation by 10% instead.

 88, 72.779,
130.840

 88, 72.779,
130.840

 100, 72.779,
130.840

 78, 72.779,
130.840

 68, 72.779,
130.840

 58, 72.779,
130.840

 48, 72.779,
130.840

 38, 72.779,
130.840

 28, 72.779,
130.840

 18, 72.779,


130.840


 8, 72.779, 130.840


 0, 72.779, 130.840

 88, 72.779,
130.840


 88, 72.779,
130.840


 87, 84.314,
130.501


 89, 60.218,
131.304


 86, 94.290,
130.396

 90, 47.028,
131.814

 86, 102.112,
130.657

 92, 33.496,
132.325

 85, 107.344,
131.386

 93, 19.823,
132.813

 85, 109.308,

 95, 6.151, 133.279

131.915

 96, 7.258, 314.166

 97, 8.041, 324.683

Harmonies

Complementary

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



88, 72.779, 130.840



61, 76.789, 315.772

Rectangle

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



88, 72.779, 130.840



88, 72.779, 180.840



88, 72.779, 310.840



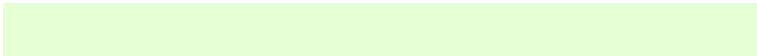
88, 72.779, 0.840

Sweetspot

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



88, 72.780, 130.841



97, 22.778, 132.741



80, 48.346, 79.472



52, 15.383, 132.642



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, 72.780, 130.841



91, 88.430, 130.486



86, 74.988, 142.874



49, 7.678, 133.049



66, 88.574, 131.663



20, 36.477, 130.932

Inverse Universe

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



61, 76.789, 315.772



58, 94.090, 316.054



66, 74.254, 331.036



47, 7.756, 313.819



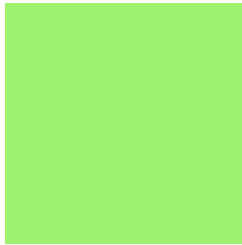
32, 94.869, 315.221



6, 40.021, 316.207

Previews

White Background



This preview shows how the CIELCh color 88, 72.779, 130.840 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, 72.779, 130.840 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, 72.779, 130.840

Background



This preview shows how black text looks on a background with the CIELCh color 88, 72.779, 130.840.

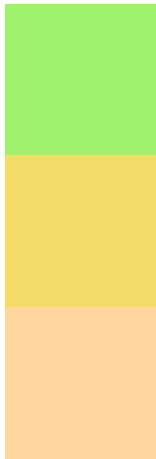


This preview shows how white text looks on a background with the CIELCh color 88, 72.779, 130.840.

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, 72.779, 130.840

Protanopia
88, 59.535, 95.778

Deuteranopia
88, 33.510, 77.256



Tritanopia
88, 17.898, 230.418

Trichromacy



Original Color
88, 72.779, 130.840



Protanomaly
87, 61.024, 111.324



Deuteranomaly
87, 42.458, 108.773

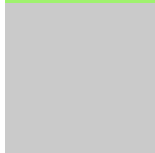


Tritanomaly
88, 28.802, 156.851

Monochromacy



Original Color
88, 72.779, 130.840



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 27.777, 133.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 72.779, 130.840 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(159, 242, 110)` looks like.

```
.text, #text, p{  
    color:rgb(159, 242, 110)  
}
```

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(159, 242, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 242, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 72.779, 130.840 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(159, 242, 110) }
```

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

```
.border{ border-color:rgb(159, 242, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 242, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 242, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 242, 110);  
box-shadow:4px 4px 4px 4px rgb(159, 242,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 72.779, 130.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 242, 110) }
```

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

```
.background{ background-color: rgb(159,  
242, 110) }
```

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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