

Converting Colors

CIELCh(88, 71.749, 132.043)

Have a look what the booklet for
CIELCh(88, 71.749, 132.043)
contains.

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Color

CIELCh(88, 71.505, 131.977)

Conversions

Conversions Part 1

Format	Color
Hex	9DF272
RGB	157, 242, 114
RGB Percent	62%, 95%, 45%
CMY	0.3834, 0.0500, 0.5520
CMYK	0.35, 0.00, 0.53, 0.05
HSL	100°, 83%, 70%
HSV	100°, 53%, 95%
XYZ	48.8289, 72.0653, 27.3249
YIQ	201.9930, -9.5720, -57.8280

Conversions

Conversions Part 2

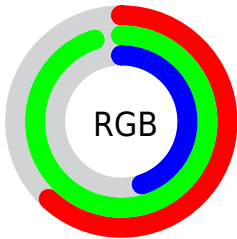
Format	Color
RYB	114, 242, 199
Decimal	10351218
CIELab	88.00, -47.82, 53.16
CIELCh	88, 71.505, 131.977
Yxy	72.0653, 0.3294, 0.4862
Android (android.graphics.Color)	4288541298 (0xFF9DF272)
YUV	201.9930, -43.3805, -39.4589
Hunter-Lab	84.8913, -45.8878, 40.3396

Details

The CIELCh color **88, 71.505, 131.977** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **62, 74.791, 316.805**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 45.852, 126.213**, and **68, 71.290, 132.063** is the 20% darker color. If you saturate the color by 10%, you get **87, 83.367, 131.568**, and if you desaturate by 10%, it is **89, 58.674, 132.485**.

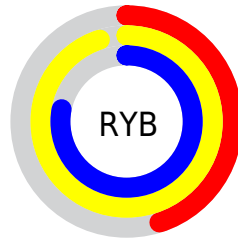
Distribution



Red (62%)

Green (95%)

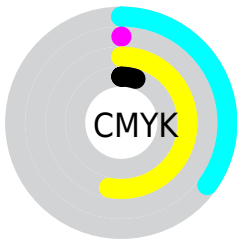
Blue (45%)



Red (45%)

Yellow (95%)

Blue (78%)

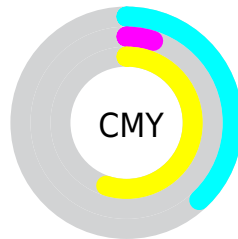


Cyan (35%)

Magenta (0%)

Yellow (53%)

Black (5%)



Cyan (38%)

Magenta (5%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 71.505, 131.977 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, 71.505, 131.977 by changing the saturation by 10% instead.

■ 88, 71.505,
131.977

■ 88, 71.505,
131.977

■ 100, 71.505,
131.977

■ 78, 71.505,
131.977

■ 68, 71.505,
131.977

■ 58, 71.505,
131.977

■ 48, 71.505,
131.977

■ 38, 71.505,
131.977

■ 28, 71.505,
131.977

■ 18, 71.505,

131.977

■ 8, 71.505, 131.977

■ 0, 71.505, 131.977

■ 88, 71.505,
131.977

■ 88, 71.505,
131.977

■ 87, 83.367,
131.568

■ 89, 58.674,
132.485

■ 86, 93.739,
131.360

■ 90, 45.257,
133.021

■ 86, 102.020,
131.486

■ 92, 31.534,
133.545

■ 85, 107.715,
132.057

■ 93, 17.700,
134.037

■ 85, 110.353,

■ 95, 3.897, 134.518

132.678

 97, 7.705, 322.006

 97, 7.942, 324.679

Harmonies

Complementary

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



88, 71.505, 131.977



62, 74.791, 316.805

Rectangle

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



88, 71.505, 131.977



88, 71.505, 181.977



88, 71.505, 311.977



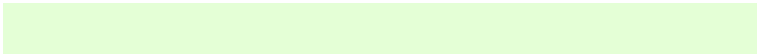
88, 71.505, 1.977

Sweetspot

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



88, 71.506, 131.978



97, 23.004, 133.883



82, 47.743, 82.623



51, 15.537, 133.782



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, 71.506, 131.978



91, 87.049, 131.557



86, 71.272, 144.068



50, 7.888, 134.194



67, 90.320, 132.455



21, 38.240, 131.595

Inverse Universe

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



62, 74.791, 316.805



60, 91.631, 317.079



67, 70.740, 332.152



48, 7.960, 314.966



34, 95.181, 316.248



7, 41.631, 317.455

Previews

White Background



This preview shows how the CIELCh color 88, 71.505, 131.977 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, 71.505, 131.977 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, 71.505, 131.977

Background



This preview shows how black text looks on a background with the CIELCh color 88, 71.505, 131.977.

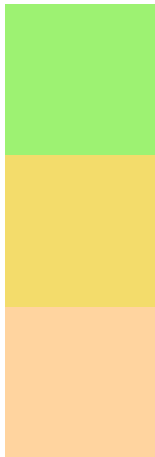


This preview shows how white text looks on a background with the CIELCh color 88, 71.505, 131.977.

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, 71.505, 131.977

Protanopia
88, 57.750, 95.665

Deuteranopia
87, 32.861, 75.874

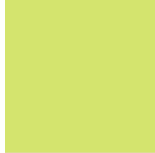


Tritanopia
88, 18.152, 229.908

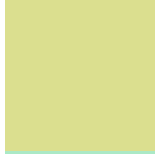
Trichromacy



Original Color
88, 71.505, 131.977



Protanomaly
87, 59.251, 111.639



Deuteranomaly
87, 41.009, 108.957

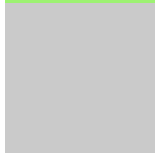


Tritanomaly
87, 28.690, 158.001

Monochromacy



Original Color
88, 71.505, 131.977



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 27.305, 133.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 71.505, 131.977 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(157, 242, 114)` looks like.

```
.text, #text, p{  
    color:rgb(157, 242, 114)  
}
```

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(157, 242, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 242, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 71.505, 131.977 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(157, 242, 114) }
```

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

```
.border{ border-color:rgb(157, 242, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 242, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 242, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 242, 114);  
box-shadow:4px 4px 4px 4px rgb(157, 242,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 71.505, 131.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 242, 114) }
```

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

```
.background{ background-color: rgb(157,  
242, 114) }
```

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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