

Converting Colors

CIELCh(88, 73.257, 133.612)

Have a look what the booklet for
CIELCh(88, 73.257, 133.612)
contains.

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Color

CIELCh(88, 73.214, 133.590)

Conversions

Conversions Part 1

Format	Color
Hex	96F372
RGB	150, 243, 114
RGB Percent	59%, 95%, 45%
CMY	0.4103, 0.0456, 0.5516
CMYK	0.38, 0.00, 0.53, 0.05
HSL	103°, 85%, 70%
HSV	103°, 53%, 95%
XYZ	47.8638, 72.0653, 27.4091
YIQ	200.4870, -14.0190, -59.8350

Conversions

Conversions Part 2

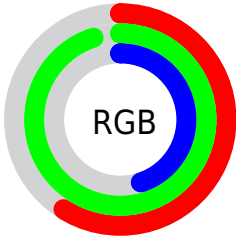
Format	Color
RYB	114, 243, 207
Decimal	9892722
CIELab	88.00, -50.48, 53.03
CIElCh	88, 73.214, 133.590
Yxy	72.0653, 0.3249, 0.4891
Android (android.graphics.Color)	4288082802 (0xFF96F372)
YUV	200.4870, -42.6381, -44.2771
Hunter-Lab	84.8913, -47.9170, 40.2808

Details

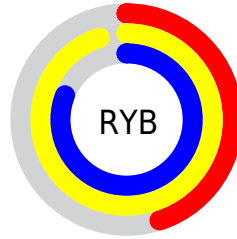
The CIELCh color **88, 73.214, 133.590** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **63, 75.739, 318.574**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 46.830, 129.107**, and **68, 72.954, 133.554** is the 20% darker color. If you saturate the color by 10%, you get **87, 85.263, 133.099**, and if you desaturate by 10%, it is **89, 60.141, 134.162**.

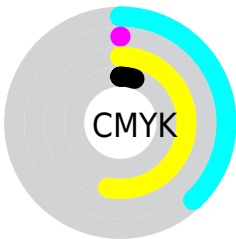
Distribution



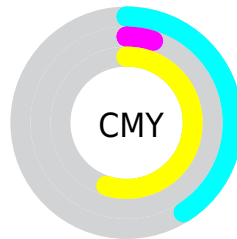
- Red (59%)
- Green (95%)
- Blue (45%)



- Red (45%)
- Yellow (95%)
- Blue (81%)



- Cyan (38%)
- Magenta (0%)
- Yellow (53%)
- Black (5%)





- Cyan (41%)
- Magenta (5%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 73.214, 133.590 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, 73.214, 133.590 by changing the saturation by 10% instead.


 88, 73.214,
133.590


 88, 73.214,
133.590


 100, 73.214,
133.590


 78, 73.214,
133.590

 68, 73.214,
133.590

 58, 73.214,
133.590

 48, 73.214,
133.590

 38, 73.214,
133.590


 28, 73.214,
133.590


 18, 73.214,


133.590


 8, 73.214, 133.590


 0, 73.214, 133.590


 88, 73.214,
133.590


 88, 73.214,
133.590


 87, 85.263,
133.099


 89, 60.141,
134.162


 86, 95.749,
132.791


 90, 46.447,
134.746

 86, 104.055,
132.799

 92, 32.430,
135.304

 85, 109.682,
133.231

 94, 18.301,
135.818

 85, 112.171,

 95, 4.214, 136.314

133.723



97, 7.241, 324.651

Harmonies

Complementary

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



88, 73.214, 133.590



63, 75.739, 318.574

Rectangle

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



88, 73.214, 133.590



88, 73.214, 183.590



88, 73.214, 313.590



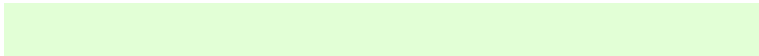
88, 73.214, 3.590

Sweetspot

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



88, 73.215, 133.591



97, 23.385, 135.668



84, 50.287, 88.009



51, 15.797, 135.562



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, 73.215, 133.591



91, 89.664, 133.052



87, 68.359, 146.152



50, 8.016, 135.990



66, 91.504, 133.524



21, 38.794, 132.879

Inverse Universe

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



63, 75.739, 318.574



60, 93.060, 318.835



67, 68.092, 334.801



48, 8.077, 316.775



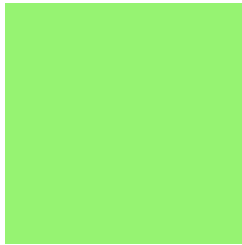
35, 94.174, 318.026



7, 41.518, 319.204

Previews

White Background



This preview shows how the CIELCh color 88, 73.214, 133.590 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 CIE LCh color 88, 73.214, 133.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

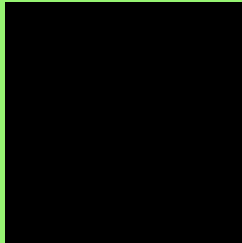
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 73.214, 133.590

Background



This preview shows how black text looks on a background with the CIELCh color 88, 73.214, 133.590.

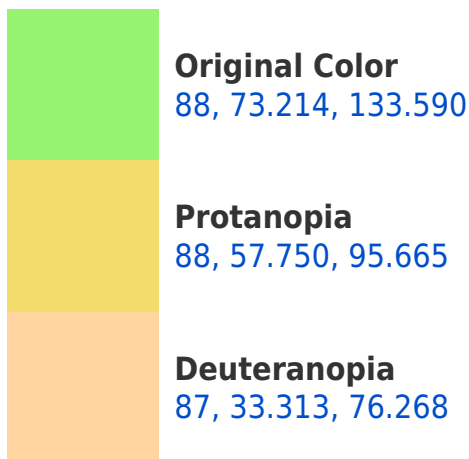


This preview shows how white text looks on a background with the CIELCh color 88, 73.214, 133.590.

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



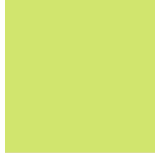


Tritanopia
88, 19.928, 226.725

Trichromacy



Original Color
88, 73.214, 133.590



Protanomaly
87, 59.889, 113.109



Deuteranomaly
87, 41.545, 109.994

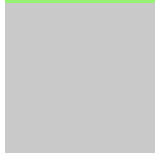


Tritanomaly
87, 30.448, 160.527

Monochromacy



Original Color
88, 73.214, 133.590



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 27.671, 134.804

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 88, 73.214, 133.590 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(150, 243, 114)` looks like.

```
.text, #text, p{  
    color:rgb(150, 243, 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(150, 243, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 243, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 73.214, 133.590 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(150, 243, 114) }
```

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

```
.border{ border-color:rgb(150, 243, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 243, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 243, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 243, 114);  
box-shadow:4px 4px 4px 4px rgb(150, 243,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 73.214, 133.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 243, 114) }
```

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

```
.background{ background-color: rgb(150,  
243, 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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