

Converting Colors

CIELCh(92, 74.905, 135.801)

Have a look what the booklet for
CIELCh(92, 74.905, 135.801)
contains.

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Color

CIELCh(92, 73.945, 135.766)

Conversions

Conversions Part 1

Format	Color
Hex	9AFF80
RGB	154, 255, 128
RGB Percent	60%, 100%, 50%
CMY	0.3955, 0.0000, 0.4978
CMYK	0.40, 0.00, 0.50, 0.00
HSL	108°, 100%, 75%
HSV	108°, 50%, 100%
XYZ	53.3843, 80.7044, 33.2073
YIQ	210.3230, -19.4290, -60.9090

Conversions

Conversions Part 2

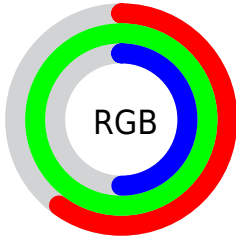
Format	Color
RYB	128, 255, 229
Decimal	10157952
CIELab	92.00, -52.98, 51.58
CIElCh	92, 73.945, 135.766
Yxy	80.7044, 0.3191, 0.4824
Android (android.graphics.Color)	4288348032 (0xFF9AFF80)
YUV	210.3230, -40.5852, -49.3953
Hunter-Lab	89.8356, -51.1398, 40.9687

Details

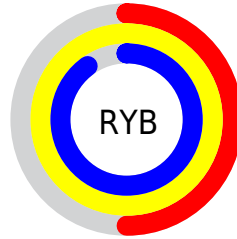
The CIELCh color **92, 73.945, 135.766** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **69, 74.820, 320.766**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 39.684, 130.632**, and **72, 73.588, 135.782** is the 20% darker color. If you saturate the color by 10%, you get **91, 86.426, 135.082**, and if you desaturate by 10%, it is **93, 59.227, 136.416**.

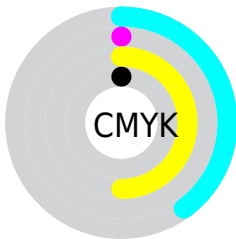
Distribution



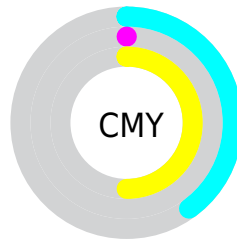
- Red (60%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (90%)



- Cyan (40%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 73.945, 135.766 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 92, 73.945, 135.766 by changing the saturation by 10% instead.


 92, 73.945,
135.766


 92, 73.945,
135.766


 100, 73.945,
135.766


 82, 73.945,
135.766

 72, 73.945,
135.766

 62, 73.945,
135.766

 52, 73.945,
135.766

 42, 73.945,
135.766

 32, 73.945,
135.766

 22, 73.945,

135.766

■ 12, 73.945,
135.766

■ 2, 73.945, 135.766

■ 92, 73.945,
135.766

■ 92, 73.945,
135.766

■ 91, 86.426,
135.082

■ 93, 59.227,
136.416

■ 90, 97.992,
134.545

■ 94, 44.547,
137.069

■ 89, 107.374,
134.252

■ 96, 29.589,
137.669

■ 88, 113.968,
134.329

■ 98, 14.573,
138.210

■ 88, 117.717,
134.763

100, 0.012,
296.813

■ 88, 117.783,
134.772

Harmonies

Complementary

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



92, 73.945, 135.766



69, 74.820, 320.766

Rectangle

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



92, 73.945, 135.766



92, 73.945, 185.766



92, 73.945, 315.766



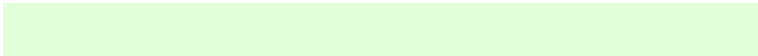
92, 73.945, 5.766

Sweetspot

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



92, 73.323, 135.736



97, 22.410, 137.935



91, 51.696, 93.279



51, 15.300, 137.819



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

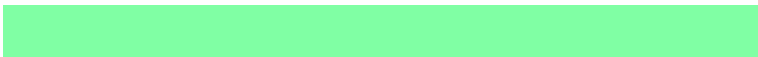
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 73.323, 135.736



91, 86.701, 135.068



91, 63.678, 148.895



52, 8.472, 138.224



68, 94.667, 134.610



23, 42.204, 133.877

Inverse Universe

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



69, 74.820, 320.766



64, 88.501, 321.049



71, 64.021, 337.448



50, 8.521, 319.052



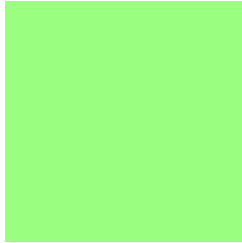
39, 94.939, 320.496



9, 43.522, 321.370

Previews

White Background



This preview shows how the CIE LCh color 92, 73.945, 135.766 looks on a white background.

Color Contrast Check

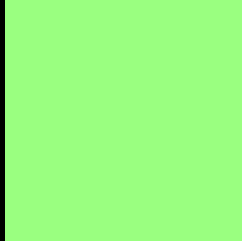
Large Text (above 18pt) WCAG AA × Fail

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 92, 73.945, 135.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

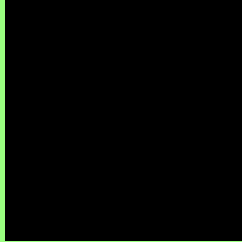
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 73.945, 135.766

Background



This preview shows how black text looks on a background with the CIELCh color 92, 73.945, 135.766.

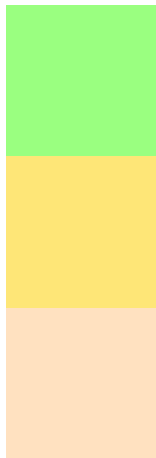


This preview shows how white text looks on a background with the CIELCh color 92, 73.945, 135.766.

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
92, 73.375, 135.752

Protanopia
91, 56.638, 95.435

Deuteranopia
91, 20.665, 74.786

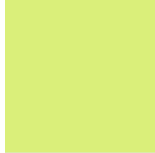


Tritanopia
92, 18.176, 225.769

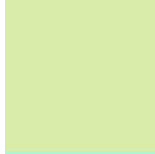
Trichromacy



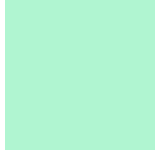
Original Color
92, 73.375, 135.752



Protanomaly
91, 58.790, 113.794

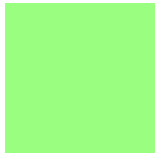


Deuteranomaly
91, 34.927, 118.876

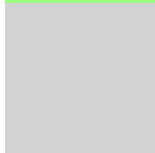


Tritanomaly
91, 30.559, 159.924

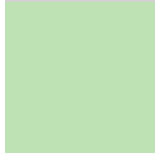
Monochromacy



Original Color
92, 73.375, 135.752



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 27.510, 137.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 73.945, 135.766 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(154, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(154, 255, 128)  
}
```

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(154, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 73.945, 135.766 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(154, 255, 128) }
```

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

```
.border{ border-color:rgb(154, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 73.945, 135.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 128) }
```

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

```
.background{ background-color: rgb(154,  
255, 128) }
```

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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