

Converting Colors

CIELCh(92, 75.014, 134.529)

Have a look what the booklet for
CIELCh(92, 75.014, 134.529)
contains.

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Color

CIELCh(92, 74.455, 134.418)

Conversions

Conversions Part 1

Format	Color
Hex	9EFF7D
RGB	158, 255, 125
RGB Percent	62%, 100%, 49%
CMY	0.3815, 0.0000, 0.5111
CMYK	0.38, 0.00, 0.51, 0.00
HSL	105°, 100%, 74%
HSV	105°, 51%, 100%
XYZ	53.7232, 80.7044, 32.0399
YIQ	211.1770, -16.0820, -60.9940

Conversions

Conversions Part 2

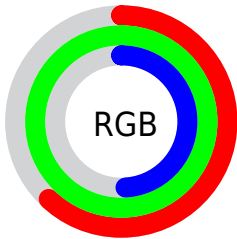
Format	Color
RYB	125, 255, 222
Decimal	10420093
CIELab	92.00, -52.11, 53.18
CIElCh	92, 74.455, 134.418
Yxy	80.7044, 0.3227, 0.4848
Android (android.graphics.Color)	4288610173 (0xFF9EFF7D)
YUV	211.1770, -42.4853, -46.6362
Hunter-Lab	89.8356, -50.4663, 41.7391

Details

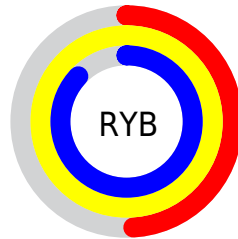
The CIELCh color **92, 74.455, 134.418** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **68, 76.205, 319.313**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 40.628, 128.396**, and **72, 74.034, 134.517** is the 20% darker color. If you saturate the color by 10%, you get **91, 86.872, 133.834**, and if you desaturate by 10%, it is **93, 60.243, 135.001**.

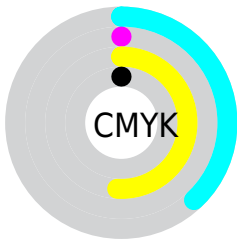
Distribution



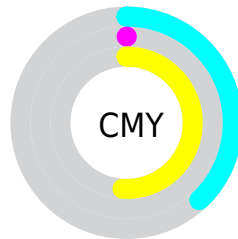
- Red (62%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (38%)
- Magenta (0%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 74.455, 134.418 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, 74.455, 134.418 by changing the saturation by 10% instead.


 92, 74.455,
134.418


 92, 74.455,
134.418

 100, 74.455,
134.418


 82, 74.455,
134.418

 72, 74.455,
134.418

 62, 74.455,
134.418

 52, 74.455,
134.418

 42, 74.455,
134.418

 32, 74.455,
134.418

 22, 74.455,

134.418

■ 12, 74.455,
134.418

■ 2, 74.455, 134.418

■ 92, 74.455,
134.418

■ 92, 74.455,
134.418

■ 91, 86.872,
133.834

■ 93, 60.243,
135.001

■ 90, 98.133,
133.431

■ 94, 45.829,
135.607

■ 89, 107.199,
133.312

■ 96, 31.118,
136.177

■ 89, 113.499,
133.595

■ 98, 16.325,
136.697

■ 88, 116.831,
134.146

■ 100, 1.607,
137.282

■ 100, 0.012,
296.813

Harmonies

Complementary

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



92, 74.455, 134.418



68, 76.205, 319.313

Rectangle

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



92, 74.455, 134.418



92, 74.455, 184.418



92, 74.455, 314.418



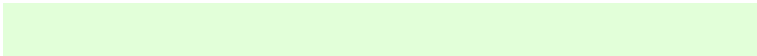
92, 74.455, 4.418

Sweetspot

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



92, 74.061, 134.389



97, 22.085, 136.500



89, 50.992, 89.524



51, 15.077, 136.391



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, 74.061, 134.389



91, 86.743, 133.839



91, 67.788, 146.949



52, 8.351, 136.776



68, 93.872, 133.955



23, 41.775, 133.025

Inverse Universe

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



68, 76.205, 319.313



62, 89.452, 319.573



70, 67.724, 335.361



50, 8.409, 317.576



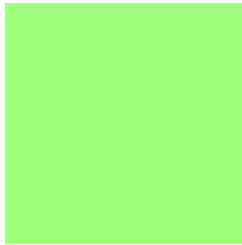
37, 95.671, 318.851



9, 43.795, 319.884

Previews

White Background



This preview shows how the CIELCh color 92, 74.455, 134.418 looks on a white background.

Color Contrast Check

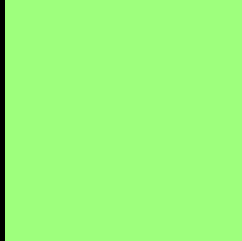
Large Text (above 18pt) WCAG AA × Fail

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, 74.455, 134.418 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, 74.455, 134.418

Background



This preview shows how black text looks on a background with the CIELCh color 92, 74.455, 134.418.

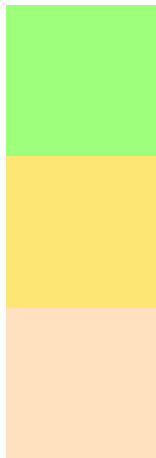


This preview shows how white text looks on a background with the CIELCh color 92, 74.455, 134.418.

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, 73.887, 134.390

Protanopia
91, 57.999, 95.540

Deuteranopia
91, 20.665, 74.786

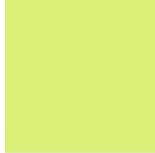


Tritanopia
92, 17.647, 226.684

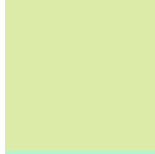
Trichromacy



Original Color
92, 73.887, 134.390



Protanomaly
91, 60.075, 113.142



Deuteranomaly
91, 35.263, 117.479

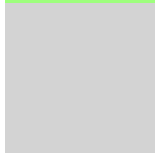


Tritanomaly
91, 30.405, 158.505

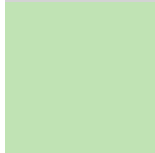
Monochromacy



Original Color
92, 73.887, 134.390



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 27.762, 136.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 74.455, 134.418 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(158, 255, 125)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 125)  
}
```

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(158, 255, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 74.455, 134.418 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(158, 255, 125) }
```

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

```
.border{ border-color:rgb(158, 255, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 255, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 125);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 74.455, 134.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 125) }
```

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

```
.background{ background-color: rgb(158,  
255, 125) }
```

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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