

Converting Colors

CIELCh(94, 75.659, 118.393)

Have a look what the booklet for
CIELCh(94, 75.659, 118.393)
contains.

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Color

CIELCh(94, 75.653, 118.326)

Conversions

Conversions Part 1

Format	Color
Hex	D1FE65
RGB	209, 254, 101
RGB Percent	82%, 100%, 40%
CMY	0.1809, 0.0044, 0.6044
CMYK	0.18, 0.00, 0.60, 0.00
HSL	78°, 99%, 70%
HSV	78°, 60%, 100%
XYZ	63.9984, 85.2715, 25.3646
YIQ	223.1030, 22.2930, -57.1230

Conversions

Conversions Part 2

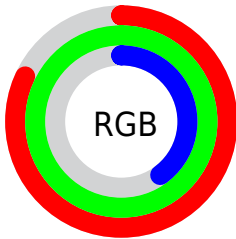
Format	Color
RYB	101, 254, 146
Decimal	13762149
CIELab	94.00, -35.90, 66.59
CIElCh	94, 75.653, 118.326
Yxy	85.2715, 0.3665, 0.4883
Android (android.graphics.Color)	4291952229 (0xFFD1FE65)
YUV	223.1030, -60.1968, -12.3683
Hunter-Lab	92.3426, -37.8894, 48.3541

Details

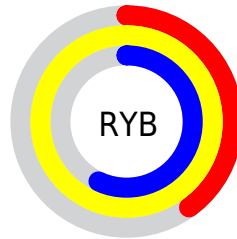
The CIELCh color **94, 75.653, 118.326** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **55, 87.298, 306.461**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 48.795, 106.446**, and **74, 75.655, 118.346** is the 20% darker color. If you saturate the color by 10%, you get **93, 85.539, 118.158**, and if you desaturate by 10%, it is **95, 64.410, 118.710**.

Distribution



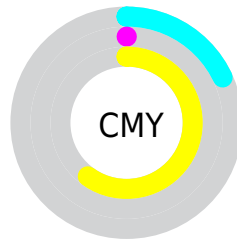
- Red (82%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (57%)



- Cyan (18%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 75.653, 118.326 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 94, 75.653, 118.326 by changing the saturation by 10% instead.


 94, 75.653,
118.326


 94, 75.653,
118.326


 100, 75.653,
118.326


 84, 75.653,
118.326

 74, 75.653,
118.326

 64, 75.653,
118.326

 54, 75.653,
118.326

 44, 75.653,
118.326

 34, 75.653,
118.326

 24, 75.653,

118.326

■ 14, 75.653,
118.326

■ 4, 75.653, 118.326

■ 94, 75.653,
118.326

■ 94, 75.653,
118.326

■ 93, 85.539,
118.158

■ 95, 64.410,
118.710

■ 93, 93.468,
118.309

■ 96, 52.287,
119.218

■ 92, 98.902,
118.892

■ 96, 39.625,
119.791

■ 92, 101.868,
119.875

■ 97, 26.653,
120.391

■ 98, 13.523,
120.990

■ 100, 0.339,
121.731

■ 100, 0.709,
324.030

Harmonies

Complementary

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



94, 75.653, 118.326



55, 87.298, 306.461

Rectangle

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



94, 75.653, 118.326



94, 75.653, 168.326



94, 75.653, 298.326



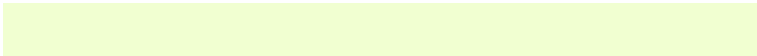
94, 75.653, 348.326

Sweetspot

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



94, 75.654, 118.328



98, 23.773, 120.527



71, 55.503, 47.411



52, 16.506, 120.352



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 75.654, 118.328



94, 87.379, 118.158



90, 86.447, 134.787



53, 7.517, 121.036



71, 82.199, 119.630



24, 36.921, 118.274

Inverse Universe

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



55, 87.298, 306.461



47, 104.547, 307.483



63, 88.441, 320.705



49, 7.662, 302.155



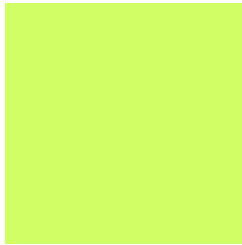
26, 104.726, 308.230



5, 44.743, 307.572

Previews

White Background



This preview shows how the CIELCh color 94, 75.653, 118.326 looks on a white background.

Color Contrast Check

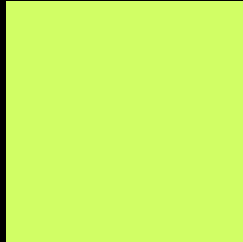
Large Text (above 18pt) WCAG AA × Fail

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 94, 75.653, 118.326 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 94, 75.653, 118.326

Background



This preview shows how black text looks on a background with the CIELCh color 94, 75.653, 118.326.

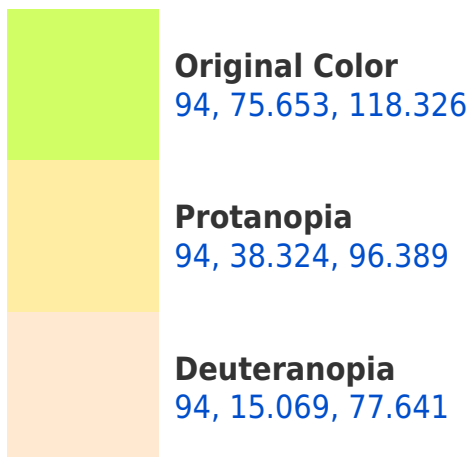


This preview shows how white text looks on a background with the CIELCh color 94, 75.653, 118.326.

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



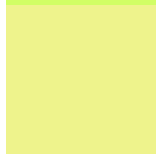


Tritanopia
94, 9.327, 269.515

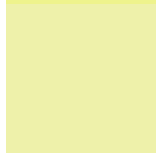
Trichromacy



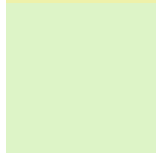
Original Color
94, 75.653, 118.326



Protanomaly
94, 51.557, 108.319

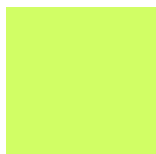


Deuteranomaly
93, 36.046, 109.169

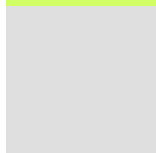


Tritanomaly
94, 24.572, 128.622

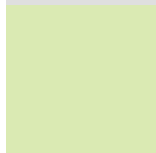
Monochromacy



Original Color
94, 75.653, 118.326



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 28.889, 120.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 75.653, 118.326 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(209, 254, 101)` looks like.

```
.text, #text, p{  
    color:rgb(209, 254, 101)  
}
```

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(209, 254, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 254, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 75.653, 118.326 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(209, 254, 101) }
```

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

```
.border{ border-color:rgb(209, 254, 101) }
```

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

Here you see how a box with a 4 pixel rgb(209, 254, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 254, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 254, 101);  
box-shadow:4px 4px 4px 4px rgb(209, 254,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 75.653, 118.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 254, 101) }
```

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

```
.background{ background-color: rgb(209,  
254, 101) }
```

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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