

Converting Colors

CIELCh(100, 82.301, 118.998)

Have a look what the booklet for
CIELCh(100, 82.301, 118.998)
contains.

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Color

CIELCh(95, 73.845, 115.322)

Conversions

Conversions Part 1

Format	Color
Hex	DDFF68
RGB	221, 255, 104
RGB Percent	87%, 100%, 41%
CMY	0.1347, 0.0013, 0.5934
CMYK	0.13, 0.00, 0.59, 0.00
HSL	74°, 100%, 70%
HSV	74°, 59%, 100%
XYZ	67.8509, 87.6183, 26.3471
YIQ	227.6200, 28.2070, -54.1690

Conversions

Conversions Part 2

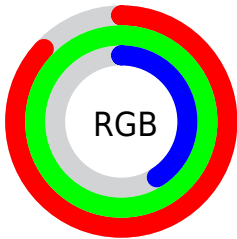
Format	Color
RYB	104, 255, 138
Decimal	14548840
CIELab	95.00, -31.58, 66.75
CIELCh	95, 73.845, 115.322
Yxy	87.6183, 0.3732, 0.4819
Android (android.graphics.Color)	4292738920 (0xFFDDFF68)
YUV	227.6200, -60.9447, -5.8057
Hunter-Lab	93.6047, -34.4194, 48.8348

Details

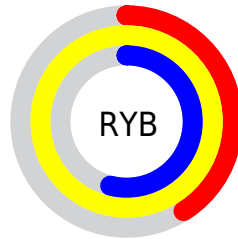
The CIELCh color **95, 73.845, 115.322** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **54, 86.135, 304.615**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 47.360, 106.557**, and **75, 73.696, 115.246** is the 20% darker color. If you saturate the color by 10%, you get **94, 83.695, 115.044**, and if you desaturate by 10%, it is **96, 62.665, 115.794**.

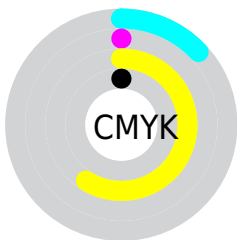
Distribution



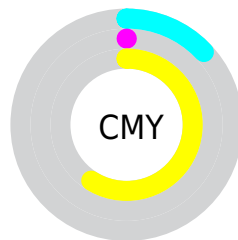
- Red (87%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (54%)



- Cyan (13%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 73.845, 115.322 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 95, 73.845, 115.322 by changing the saturation by 10% instead.


 95, 73.845,
115.322


 95, 73.845,
115.322


 100, 73.845,
115.322


 85, 73.845,
115.322

 75, 73.845,
115.322

 65, 73.845,
115.322

 55, 73.845,
115.322

 45, 73.845,
115.322

 35, 73.845,
115.322

 25, 73.845,

115.322

■ 15, 73.845,
115.322

■ 5, 73.845, 115.322

■ 95, 73.845,
115.322

■ 95, 73.845,
115.322

■ 94, 83.695,
115.044

■ 96, 62.665,
115.794

■ 94, 91.614,
115.051

■ 96, 50.625,
116.379

■ 94, 97.042,
115.443

■ 97, 38.059,
117.023

■ 93, 99.929,
116.247

■ 98, 25.185,
117.692

■ 93, 100.094,
116.309

■ 99, 12.152,
118.361

100, 0.214,
323.002

Harmonies

Complementary

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



95, 73.845, 115.322



54, 86.135, 304.615

Rectangle

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



95, 73.845, 115.322



95, 73.845, 165.322



95, 73.845, 295.322



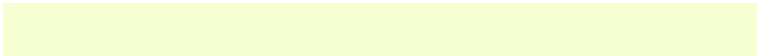
95, 73.845, 345.322

Sweetspot

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



95, 73.846, 115.324



98, 23.538, 117.779



69, 56.374, 41.814



52, 16.340, 117.583



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 73.846, 115.324



94, 85.293, 115.022



91, 83.824, 133.150



53, 7.446, 118.346



72, 80.617, 116.101



25, 36.356, 114.982

Inverse Universe

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



54, 86.135, 304.615



47, 103.680, 305.954



63, 86.989, 318.616



49, 7.601, 299.616



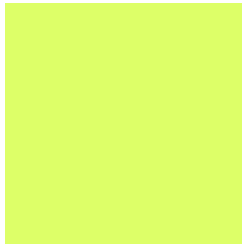
25, 105.836, 307.468



4, 44.608, 306.056

Previews

White Background



This preview shows how the CIE LCh color 95, 73.845, 115.322 looks on a white background.

Color Contrast Check

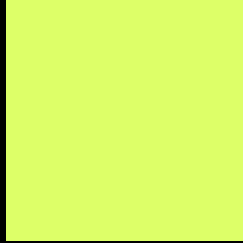
Large Text (above 18pt) WCAG AA × Fail

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 95, 73.845, 115.322 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 95, 73.845, 115.322

Background



This preview shows how black text looks on a background with the CIELCh color 95, 73.845, 115.322.

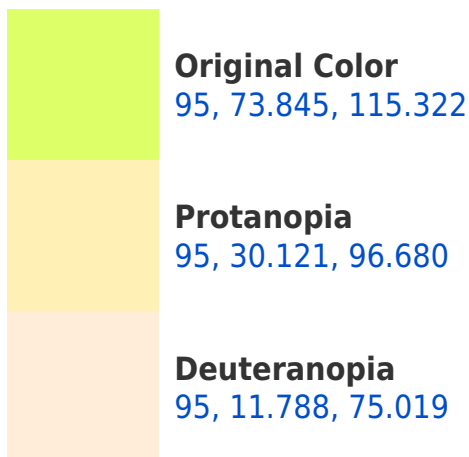



This preview shows how white text looks on a background with the CIELCh color 95, 73.845, 115.322.

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](#).

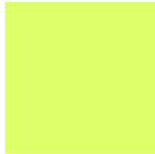
Dichromacy





Tritanopia
95, 8.233, 288.435

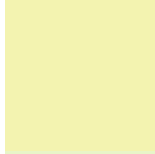
Trichromacy



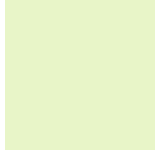
Original Color
95, 73.845, 115.322



Protanomaly
95, 45.728, 107.568



Deuteranomaly
94, 33.983, 107.492

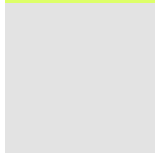


Tritanomaly
95, 23.463, 120.299

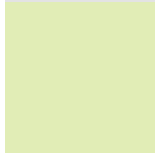
Monochromacy



Original Color
95, 73.845, 115.322



Achromatopsia
90, 0.011, 296.813



Achromatomaly
92, 28.518, 117.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 73.845, 115.322 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(221, 255, 104)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 104)  
}
```

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(221, 255, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 73.845, 115.322 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(221, 255, 104) }
```

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

```
.border{ border-color:rgb(221, 255, 104) }
```

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

Here you see how a box with a 4 pixel rgb(221, 255, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 104);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 73.845, 115.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 104) }
```

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

```
.background{ background-color: rgb(221,  
255, 104) }
```

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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