

Converting Colors

CIELCh(95, 67.092, 116.786)

Have a look what the booklet for
CIELCh(95, 67.092, 116.786)
contains.

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Color

CIELCh(95, 66.834, 116.864)

Conversions

Conversions Part 1

Format	Color
Hex	DCFE78
RGB	220, 254, 120
RGB Percent	86%, 100%, 47%
CMY	0.1365, 0.0031, 0.5287
CMYK	0.13, 0.00, 0.53, 0.00
HSL	75°, 99%, 73%
HSV	75°, 53%, 100%
XYZ	68.4830, 87.6183, 31.1315
YIQ	228.5580, 22.7500, -48.8820

Conversions

Conversions Part 2

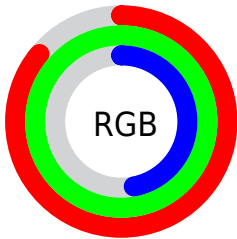
Format	Color
RYB	120, 254, 154
Decimal	14483064
CIELab	95.00, -30.20, 59.62
CIELCh	95, 66.834, 116.864
Yxy	87.6183, 0.3658, 0.4680
Android (android.graphics.Color)	4292673144 (0xFFDCFE78)
YUV	228.5580, -53.5191, -7.5054
Hunter-Lab	93.6047, -33.2141, 45.8043

Details

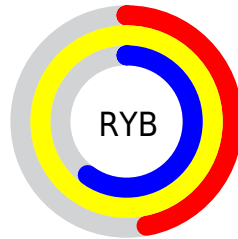
The CIELCh color **95, 66.834, 116.864** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **59, 75.929, 304.614**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 40.096, 107.118**, and **75, 66.585, 117.017** is the 20% darker color. If you saturate the color by 10%, you get **94, 77.684, 116.485**, and if you desaturate by 10%, it is **96, 54.992, 117.387**.

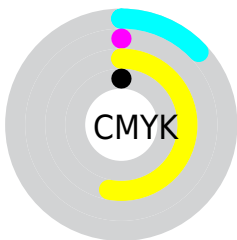
Distribution



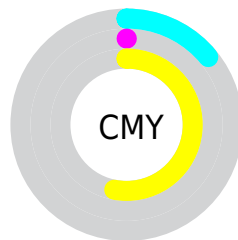
- Red (86%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 66.834, 116.864 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, 66.834, 116.864 by changing the saturation by 10% instead.


 95, 66.834,
116.864


 95, 66.834,
116.864


 100, 66.834,
116.864


 85, 66.834,
116.864

 75, 66.834,
116.864

 65, 66.834,
116.864

 55, 66.834,
116.864

 45, 66.834,
116.864

 35, 66.834,
116.864

 25, 66.834,

116.864

■ 15, 66.834,
116.864

■ 5, 66.834, 116.864

■ 95, 66.834,
116.864

■ 95, 66.834,
116.864

■ 94, 77.684,
116.485

■ 96, 54.992,
117.387

■ 94, 87.018,
116.334

■ 97, 42.529,
117.987

■ 93, 94.228,
116.517

■ 97, 29.700,
118.620

■ 93, 98.838,
117.130

■ 98, 16.672,
119.261

■ 93, 100.745,
117.823

■ 99, 3.558, 119.896
100, 0.502,
323.843

Harmonies

Complementary

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



95, 66.834, 116.864



59, 75.929, 304.614

Rectangle

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



95, 66.834, 116.864



95, 66.834, 166.864



95, 66.834, 296.864



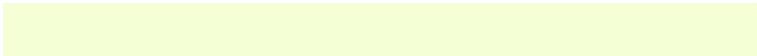
95, 66.834, 346.864

Sweetspot

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



95, 66.835, 116.866



98, 21.014, 119.051



73, 47.979, 44.381



52, 14.180, 118.919



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, 66.835, 116.866



95, 78.165, 116.477



91, 76.098, 134.390



53, 7.473, 119.465



72, 81.237, 117.598



25, 36.575, 116.370

Inverse Universe

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



59, 75.929, 304.614



52, 91.801, 305.728



66, 78.289, 319.475



49, 7.624, 300.669



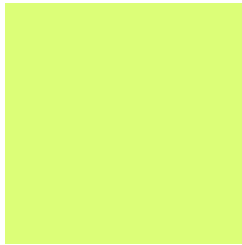
25, 105.404, 307.756



4, 44.665, 306.661

Previews

White Background



This preview shows how the CIELCh color 95, 66.834, 116.864 looks on a white background.

Color Contrast Check

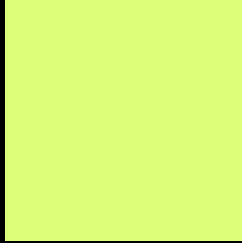
Large Text (above 18pt) WCAG AA × Fail

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 95, 66.834, 116.864 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, 66.834, 116.864

Background



This preview shows how black text looks on a background with the CIELCh color 95, 66.834, 116.864.

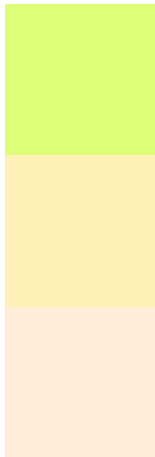


This preview shows how white text looks on a background with the CIELCh color 95, 66.834, 116.864.

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
95, 66.834, 116.864

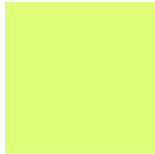
Protanopia
95, 29.625, 96.545

Deuteranopia
95, 11.788, 75.019

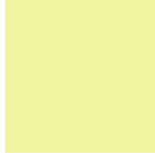


Tritanopia
95, 8.249, 286.057

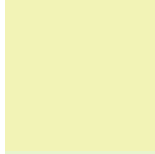
Trichromacy



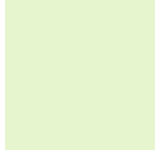
Original Color
95, 66.834, 116.864



Protanomaly
95, 42.827, 108.387



Deuteranomaly
94, 30.991, 108.443

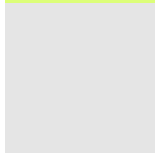


Tritanomaly
95, 20.591, 123.159

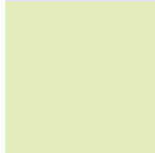
Monochromacy



Original Color
95, 66.834, 116.864



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 25.504, 118.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 66.834, 116.864 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(220, 254, 120)` looks like.

```
.text, #text, p{  
    color:rgb(220, 254, 120)  
}
```

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(220, 254, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 254, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 66.834, 116.864 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(220, 254, 120) }
```

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

```
.border{ border-color:rgb(220, 254, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 254, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 254, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 254, 120);  
box-shadow:4px 4px 4px 4px rgb(220, 254,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 66.834, 116.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 254, 120) }
```

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

```
.background{ background-color: rgb(220,  
254, 120) }
```

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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