

Converting Colors

CIELCh(99, 82.726, 128.941)

Have a look what the booklet for
CIELCh(99, 82.726, 128.941)
contains.

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Color

CIELCh(93, 71.824, 126.876)

Conversions

Conversions Part 1

Format	Color
Hex	BAFF77
RGB	186, 255, 119
RGB Percent	73%, 100%, 47%
CMY	0.2722, 0.0016, 0.5348
CMYK	0.27, 0.00, 0.53, 0.00
HSL	90°, 99%, 73%
HSV	90°, 53%, 100%
XYZ	59.0852, 82.9670, 30.2320
YIQ	218.8650, 2.5320, -56.9240

Conversions

Conversions Part 2

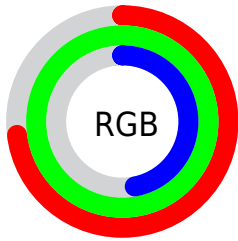
Format	Color
RYB	119, 255, 188
Decimal	12255095
CIELab	93.00, -43.10, 57.45
CIELCh	93, 71.824, 126.876
Yxy	82.9670, 0.3430, 0.4816
Android (android.graphics.Color)	4290445175 (0xFFBAFF77)
YUV	218.8650, -49.2334, -28.8226
Hunter-Lab	91.0862, -43.6127, 44.0817

Details

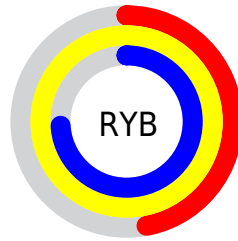
The CIELCh color **93, 71.824, 126.876** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **62, 77.730, 312.033**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 40.792, 112.513**, and **73, 71.832, 126.968** is the 20% darker color. If you saturate the color by 10%, you get **92, 83.515, 126.613**, and if you desaturate by 10%, it is **94, 59.144, 127.284**.

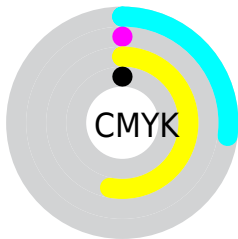
Distribution



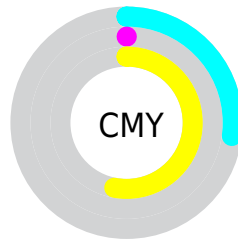
- Red (73%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (74%)



- Cyan (27%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 71.824, 126.876 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 93, 71.824, 126.876 by changing the saturation by 10% instead.


 93, 71.824,
126.876


 93, 71.824,
126.876


 100, 71.824,
126.876


 83, 71.824,
126.876

 73, 71.824,
126.876

 63, 71.824,
126.876

 53, 71.824,
126.876

 43, 71.824,
126.876

 33, 71.824,
126.876

 23, 71.824,

126.876

■ 13, 71.824,
126.876

■ 3, 71.824, 126.876

■ 93, 71.824,
126.876

■ 93, 71.824,
126.876

■ 92, 83.515,
126.613

■ 94, 59.144,
127.284

■ 91, 93.689,
126.598

■ 95, 45.859,
127.757

■ 91, 101.739,
126.966

■ 96, 32.239,
128.249

■ 90, 107.201,
127.825

■ 98, 18.469,
128.734

■ 90, 109.570,
128.610

■ 99, 4.677, 129.212
100, 0.263,
323.274

Harmonies

Complementary

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



93, 71.824, 126.876



62, 77.730, 312.033

Rectangle

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



93, 71.824, 126.876



93, 71.824, 176.876



93, 71.824, 306.876



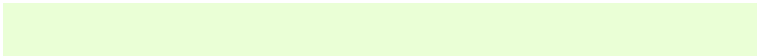
93, 71.824, 356.876

Sweetspot

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



93, 71.825, 126.877



98, 22.073, 128.610



81, 47.060, 68.641



52, 14.903, 128.510



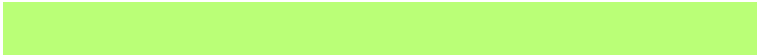
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 71.825, 126.877



92, 84.274, 126.603



90, 82.722, 139.910



53, 7.835, 128.918



69, 88.112, 128.328



23, 39.190, 126.785

Inverse Universe

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



62, 77.730, 312.033



56, 92.757, 312.485



71, 82.122, 327.208



49, 7.943, 309.745



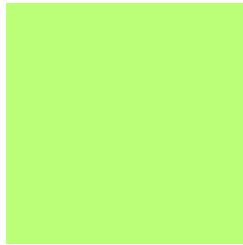
30, 100.371, 312.041



6, 44.893, 313.083

Previews

White Background



This preview shows how the CIELCh color 93, 71.824, 126.876 looks on a white background.

Color Contrast Check

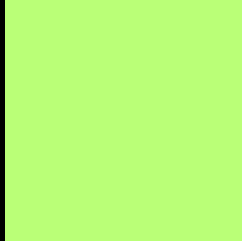
Large Text (above 18pt) WCAG AA × Fail

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 93, 71.824, 126.876 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

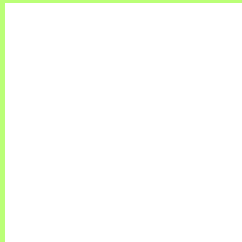
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 71.824, 126.876

Background



This preview shows how black text looks on a background with the CIELCh color 93, 71.824, 126.876.

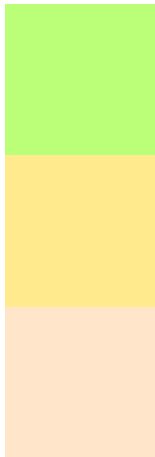


This preview shows how white text looks on a background with the CIELCh color 93, 71.824, 126.876.

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
93, 71.824, 126.876

Protanopia
93, 47.375, 95.999

Deuteranopia
93, 17.285, 75.752

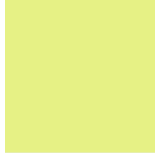


Tritanopia
93, 12.521, 240.397

Trichromacy



Original Color
93, 71.824, 126.876



Protanomaly
92, 54.116, 110.562



Deuteranomaly
92, 34.284, 113.280

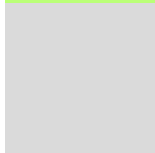


Tritanomaly
93, 26.083, 145.826

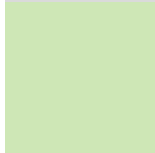
Monochromacy



Original Color
93, 71.824, 126.876



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 27.025, 128.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 71.824, 126.876 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(186, 255, 119)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 119)  
}
```

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(186, 255, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 71.824, 126.876 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(186, 255, 119) }
```

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

```
.border{ border-color:rgb(186, 255, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 119);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 71.824, 126.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 119) }
```

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

```
.background{ background-color: rgb(186,  
255, 119) }
```

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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