

Converting Colors

CIELCh(94, 72.835, 125.865)

Have a look what the booklet for
CIELCh(94, 72.835, 125.865)
contains.

CIELCh(93, 71.659, 125.684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 71.659, 125.684)

Conversions

Conversions Part 1

Format	Color
Hex	BDFE75
RGB	189, 254, 117
RGB Percent	74%, 100%, 46%
CMY	0.2589, 0.0040, 0.5410
CMYK	0.26, 0.00, 0.54, 0.00
HSL	88°, 99%, 73%
HSV	88°, 54%, 100%
XYZ	59.6272, 82.9670, 29.7135
YIQ	218.9470, 5.2370, -56.3870

Conversions

Conversions Part 2

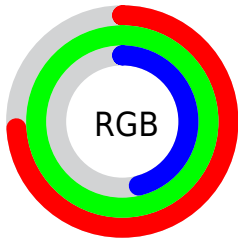
Format	Color
RYB	117, 254, 182
Decimal	12451445
CIELab	93.00, -41.80, 58.20
CIELCh	93, 71.659, 125.684
Yxy	82.9670, 0.3461, 0.4815
Android (android.graphics.Color)	4290641525 (0xFFBDFE75)
YUV	218.9470, -50.2599, -26.2635
Hunter-Lab	91.0862, -42.5506, 44.4192

Details

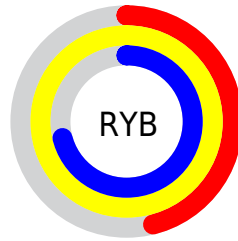
The CIELCh color **93, 71.659, 125.684** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **62, 78.180, 311.073**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 41.662, 110.741**, and **73, 71.575, 125.784** is the 20% darker color. If you saturate the color by 10%, you get **92, 83.138, 125.440**, and if you desaturate by 10%, it is **94, 59.172, 126.082**.

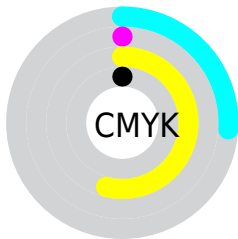
Distribution



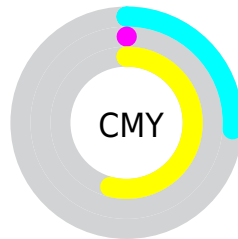
- Red (74%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 71.659, 125.684 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, 71.659, 125.684 by changing the saturation by 10% instead.

 93, 71.659,
125.684

 93, 71.659,
125.684

 100, 71.659,
125.684

 83, 71.659,
125.684

 73, 71.659,
125.684

 63, 71.659,
125.684

 53, 71.659,
125.684

 43, 71.659,
125.684

 33, 71.659,
125.684

 23, 71.659,

125.684

■ 13, 71.659,
125.684

■ 3, 71.659, 125.684

■ 93, 71.659,
125.684

■ 93, 71.659,
125.684

■ 92, 83.138,
125.440

■ 94, 59.172,
126.082

■ 91, 93.078,
125.454

■ 95, 46.065,
126.553

■ 91, 100.875,
125.859

■ 96, 32.607,
127.049

■ 90, 106.088,
126.762

■ 98, 18.985,
127.542

■ 90, 108.194,
127.504

■ 99, 5.326, 128.028
100, 0.644,
323.984

Harmonies

Complementary

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



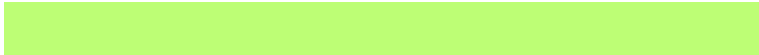
93, 71.659, 125.684



62, 78.180, 311.073

Rectangle

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



93, 71.659, 125.684



93, 71.659, 175.684



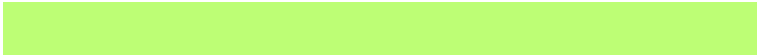
93, 71.659, 305.684



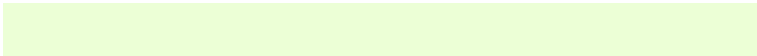
93, 71.659, 355.684

Sweetspot

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



93, 71.660, 125.685



98, 21.902, 127.441



79, 47.181, 65.287



52, 14.787, 127.339



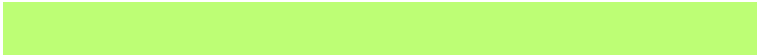
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 71.660, 125.685



92, 84.573, 125.426



90, 82.526, 139.231



53, 7.777, 127.755



70, 87.177, 127.221



24, 38.813, 125.654

Inverse Universe

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



62, 78.180, 311.073



55, 94.143, 311.601



70, 82.188, 326.211



49, 7.891, 308.610



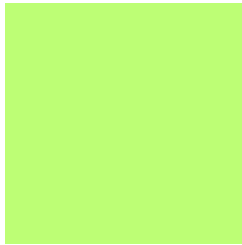
29, 101.082, 311.309



6, 44.918, 312.184

Previews

White Background



This preview shows how the CIELCh color 93, 71.659, 125.684 looks on a white background.

Color Contrast Check

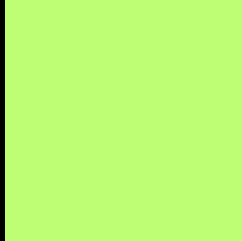
Large Text (above 18pt) WCAG AA × Fail

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 93, 71.659, 125.684 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, 71.659, 125.684

Background



This preview shows how black text looks on a background with the CIELCh color 93, 71.659, 125.684.

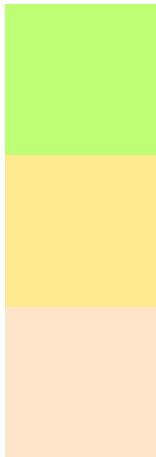


This preview shows how white text looks on a background with the CIELCh color 93, 71.659, 125.684.

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, 71.687, 125.677

Protanopia
93, 46.897, 95.942

Deuteranopia
93, 17.285, 75.752

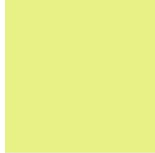


Tritanopia
93, 12.166, 245.398

Trichromacy



Original Color
93, 71.687, 125.677



Protanomaly
92, 53.616, 110.210

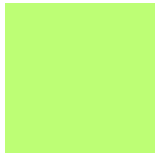


Deuteranomaly
92, 34.739, 112.531

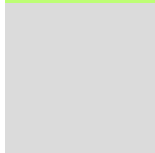


Tritanomaly
93, 24.826, 144.085

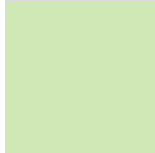
Monochromacy



Original Color
93, 71.687, 125.677



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 27.351, 127.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 71.659, 125.684 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(189, 254, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 254, 117)  
}
```

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(189, 254, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 254, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 71.659, 125.684 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(189, 254, 117) }
```

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

```
.border{ border-color:rgb(189, 254, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 254, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 254, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 254, 117); box-shadow:4px 4px 4px 4px rgb(189, 254, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 71.659, 125.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 254, 117) }
```

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

```
.background{ background-color: rgb(189,  
254, 117) }
```

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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