

Converting Colors

CIELCh(93, 58.733, 133.712)

Have a look what the booklet for
CIELCh(93, 58.733, 133.712)
contains.

CIELCh(93, 59.020, 133.724)	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, 59.020, 133.724)

Conversions

Conversions Part 1

Format	Color
Hex	B5FE96
RGB	181, 254, 150
RGB Percent	71%, 100%, 59%
CMY	0.2899, 0.0036, 0.4115
CMYK	0.29, 0.00, 0.41, 0.00
HSL	102°, 98%, 79%
HSV	102°, 41%, 100%
XYZ	60.0486, 82.9670, 41.7326
YIQ	220.3170, -10.1240, -47.8200

Conversions

Conversions Part 2

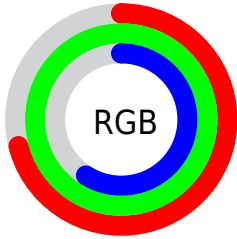
Format	Color
RYB	150, 254, 223
Decimal	11927190
CIELab	93.00, -40.79, 42.65
CIELCh	93, 59.020, 133.724
Yxy	82.9670, 0.3250, 0.4491
Android (android.graphics.Color)	4290117270 (0xFFB5FE96)
YUV	220.3170, -34.6663, -34.4810
Hunter-Lab	91.0862, -41.7248, 36.5957

Details

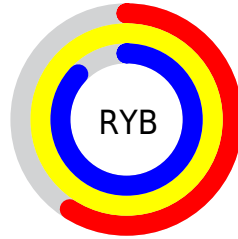
The CIELCh color **93, 59.020, 133.724** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **73, 60.836, 317.554**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 25.998, 121.445**, and **73, 59.282, 133.729** is the 20% darker color. If you saturate the color by 10%, you get **92, 72.643, 133.168**, and if you desaturate by 10%, it is **94, 44.836, 134.291**.

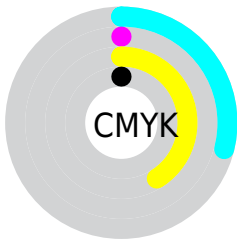
Distribution



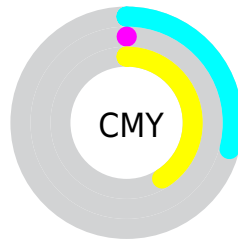
- Red (71%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 59.020, 133.724 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, 59.020, 133.724 by changing the saturation by 10% instead.

■ 93, 59.020,
133.724

■ 93, 59.020,
133.724

■ 100, 59.020,
133.724

■ 83, 59.020,
133.724

■ 73, 59.020,
133.724

■ 63, 59.020,
133.724

■ 53, 59.020,
133.724

■ 43, 59.020,
133.724

■ 33, 59.020,
133.724

■ 23, 59.020,

133.724

■ 13, 59.020,
133.724

■ 3, 59.020, 133.724

■ 93, 59.020,
133.724

■ 93, 59.020,
133.724

■ 92, 72.643,
133.168

■ 94, 44.836,
134.291

■ 91, 85.308,
132.681

■ 96, 30.367,
134.830

■ 90, 96.490,
132.363

■ 98, 15.820,
135.329

■ 89, 105.558,
132.343

■ 100, 1.336,
135.919

■ 89, 111.945,
132.743

100, 0.581,
323.929

■ 88, 115.464,
133.430

Harmonies

Complementary

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



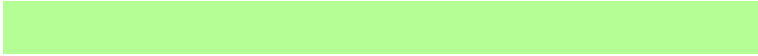
93, 59.020, 133.724



73, 60.836, 317.554

Rectangle

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



93, 59.020, 133.724



93, 59.020, 183.724



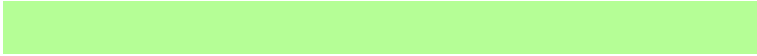
93, 59.020, 313.724



93, 59.020, 3.724

Sweetspot

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



93, 59.022, 133.725



98, 17.419, 135.278



90, 39.629, 88.384



52, 11.560, 135.215



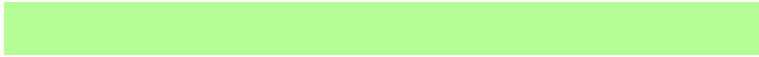
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

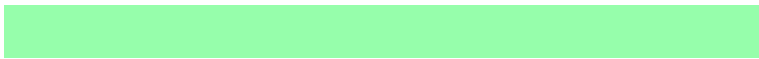
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 59.022, 133.725



92, 70.273, 133.272



92, 56.230, 147.076



52, 8.244, 135.398



68, 93.009, 133.216



23, 41.342, 132.122

Inverse Universe

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



73, 60.836, 317.554



68, 72.805, 317.859



75, 56.359, 333.243



50, 8.311, 316.181



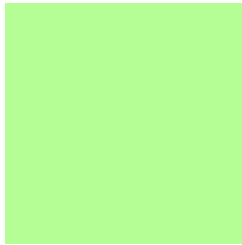
36, 96.428, 317.403



8, 44.078, 318.564

Previews

White Background



This preview shows how the CIELCh color 93, 59.020, 133.724 looks on a white background.

Color Contrast Check

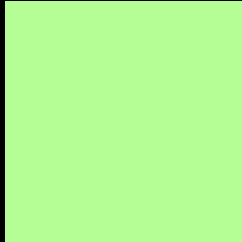
Large Text (above 18pt) WCAG AA × Fail

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, 59.020, 133.724 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, 59.020, 133.724

Background



This preview shows how black text looks on a background with the CIELCh color 93, 59.020, 133.724.

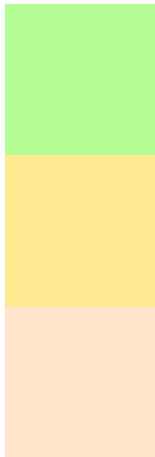


This preview shows how white text looks on a background with the CIELCh color 93, 59.020, 133.724.

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

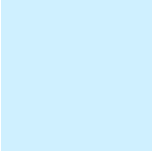
93, 59.020, 133.724

Protanopia

93, 45.458, 95.757

Deuteranopia

93, 15.988, 72.959

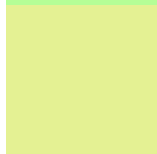


Tritanopia
93, 13.215, 234.875

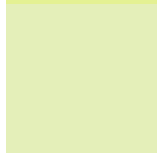
Trichromacy



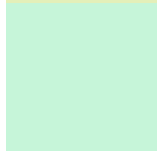
Original Color
93, 59.020, 133.724



Protanomaly
92, 47.588, 112.624



Deuteranomaly
92, 27.912, 116.591

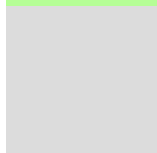


Tritanomaly
93, 22.111, 157.270

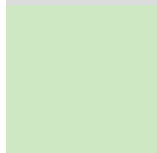
Monochromacy



Original Color
93, 59.020, 133.724



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 21.474, 135.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 59.020, 133.724 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(181, 254, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 254, 150)  
}
```

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(181, 254, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 254, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 59.020, 133.724 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(181, 254, 150) }
```

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

```
.border{ border-color:rgb(181, 254, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 254, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 254, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 254, 150); box-shadow:4px 4px 4px 4px rgb(181, 254, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 59.020, 133.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 254, 150) }
```

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

```
.background{ background-color: rgb(181,  
254, 150) }
```

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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