

Converting Colors

CIELCh(93, 51.768, 133.702)

Have a look what the booklet for
CIELCh(93, 51.768, 133.702)
contains.

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Color

CIELCh(93, 51.732, 133.710)

Conversions

Conversions Part 1

Format	Color
Hex	BDFCA1
RGB	189, 252, 161
RGB Percent	74%, 99%, 63%
CMY	0.2590, 0.0120, 0.3688
CMYK	0.25, 0.00, 0.36, 0.01
HSL	102°, 94%, 81%
HSV	102°, 36%, 99%
XYZ	62.1926, 82.9670, 46.4299
YIQ	222.7890, -8.3370, -41.6570

Conversions

Conversions Part 2

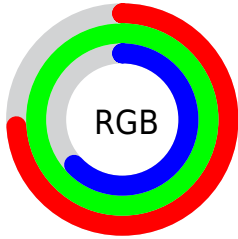
Format	Color
RYB	161, 252, 224
Decimal	12450977
CIELab	93.00, -35.75, 37.39
CIElCh	93, 51.732, 133.710
Yxy	82.9670, 0.3246, 0.4330
Android (android.graphics.Color)	4290641057 (0xFFBDFCA1)
YUV	222.7890, -30.4620, -29.6330
Hunter-Lab	91.0862, -37.5232, 33.5382

Details

The CIELCh color **93, 51.732, 133.710** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **75, 53.205, 317.052**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 19.468, 117.395**, and **73, 51.744, 133.532** is the 20% darker color. If you saturate the color by 10%, you get **92, 65.535, 133.153**, and if you desaturate by 10%, it is **94, 37.522, 134.260**.

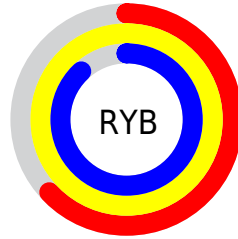
Distribution



Red (74%)

Green (99%)

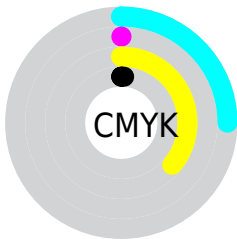
Blue (63%)



Red (63%)

Yellow (99%)

Blue (88%)

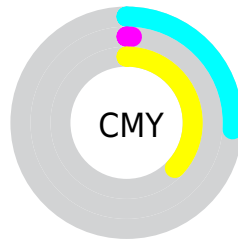


Cyan (25%)

Magenta (0%)

Yellow (36%)

Black (1%)



Cyan (26%)


Magenta (1%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 51.732, 133.710 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, 51.732, 133.710 by changing the saturation by 10% instead.


 93, 51.732,
133.710


 93, 51.732,
133.710


 100, 51.732,
133.710


 83, 51.732,
133.710

 73, 51.732,
133.710

 63, 51.732,
133.710


 53, 51.732,
133.710

 43, 51.732,
133.710


 33, 51.732,
133.710


 23, 51.732,


133.710

 13, 51.732,
133.710


 3, 51.732, 133.710


 93, 51.732,
133.710


 93, 51.732,
133.710

 92, 65.535,
133.153


 94, 37.522,
134.260

 91, 78.597,
132.635

 96, 23.136,
134.776

 90, 90.465,
132.236

 98, 8.744, 135.256

 89, 100.555,
132.074

 99, 1.904, 324.346

■ 88, 108.242,
132.282

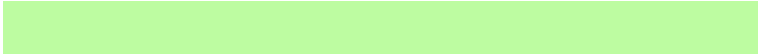
■ 88, 113.132,
132.942

■ 88, 114.477,
133.253

Harmonies

Complementary

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



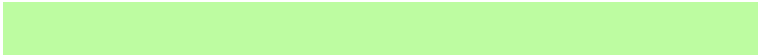
93, 51.732, 133.710



75, 53.205, 317.052

Rectangle

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



93, 51.732, 133.710



93, 51.732, 183.710



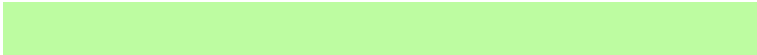
93, 51.732, 313.710



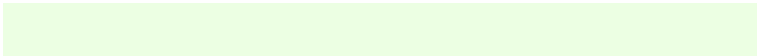
93, 51.732, 3.710

Sweetspot

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



93, 51.734, 133.711



98, 15.917, 135.025



90, 34.161, 87.734



52, 10.701, 134.960



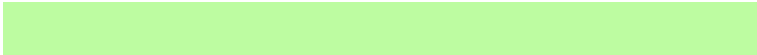
0, 0.000, 0.000



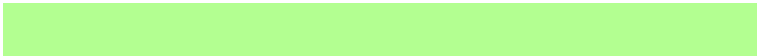
53, 0.007, 296.813

Same Dimension

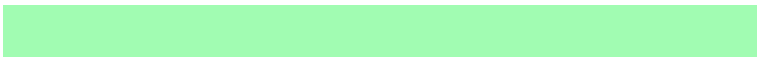
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 51.734, 133.711



93, 61.894, 133.324



92, 50.077, 147.054



51, 8.086, 135.097



67, 91.871, 133.028



22, 39.901, 132.063

Inverse Universe

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



75, 53.205, 317.052



72, 63.976, 317.336



77, 50.213, 332.278



49, 8.154, 315.875



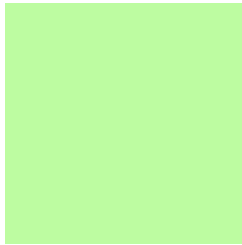
35, 95.634, 317.110



8, 42.933, 318.337

Previews

White Background



This preview shows how the CIELCh color 93, 51.732, 133.710 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, 51.732, 133.710 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, 51.732, 133.710

Background



This preview shows how black text looks on a background with the CIELCh color 93, 51.732, 133.710.

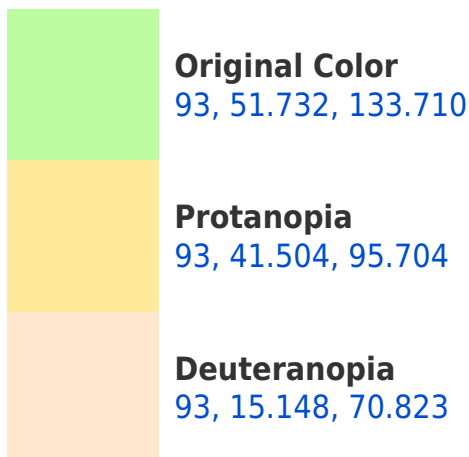


This preview shows how white text looks on a background with the CIELCh color 93, 51.732, 133.710.

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



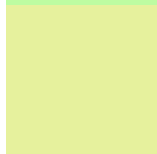


Tritanopia
93, 12.521, 240.397

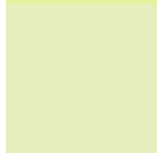
Trichromacy



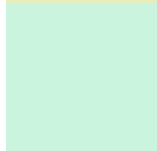
Original Color
93, 51.732, 133.710



Protanomaly
93, 42.675, 112.610



Deuteranomaly
93, 24.707, 114.371

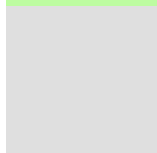


Tritanomaly
93, 19.069, 159.739

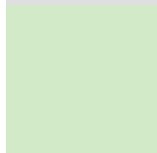
Monochromacy



Original Color
93, 51.732, 133.710



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 19.545, 134.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 51.732, 133.710 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, 252, 161)` looks like.

```
.text, #text, p{  
    color:rgb(189, 252, 161)  
}
```

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, 252, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 252, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 51.732, 133.710 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, 252, 161) }
```

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

```
.border{ border-color:rgb(189, 252, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 252, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 252, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 252, 161);  
box-shadow:4px 4px 4px 4px rgb(189, 252,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 51.732, 133.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 252, 161) }
```

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

```
.background{ background-color: rgb(189,  
252, 161) }
```

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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