

Converting Colors

CIELCh(93, 51.808, 141.406)

Have a look what the booklet for
CIELCh(93, 51.808, 141.406)
contains.

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Color

CIElCh(93, 51.555, 141.519)

Conversions

Conversions Part 1

Format	Color
Hex	ADFEAB
RGB	173, 254, 171
RGB Percent	68%, 100%, 67%
CMY	0.3203, 0.0026, 0.3282
CMYK	0.32, 0.00, 0.33, 0.00
HSL	119°, 98%, 83%
HSV	119°, 33%, 100%
XYZ	60.2318, 82.9670, 51.5224
YIQ	220.3190, -21.6330, -42.9850

Conversions

Conversions Part 2

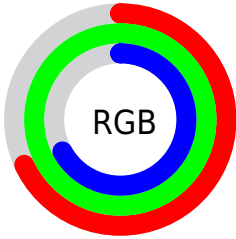
Format	Color
RYB	171, 254, 252
Decimal	11402923
CIELab	93.00, -40.36, 32.08
CIELCh	93, 51.555, 141.519
Yxy	82.9670, 0.3093, 0.4261
Android (android.graphics.Color)	4289593003 (0xFFADFEAB)
YUV	220.3190, -24.3143, -41.4988
Hunter-Lab	91.0862, -41.3658, 30.2233

Details

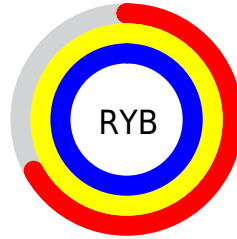
The CIELCh color **93, 51.555, 141.519** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **80, 51.602, 325.522**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 16.886, 140.954**, and **73, 51.592, 141.414** is the 20% darker color. If you saturate the color by 10%, you get **91, 66.782, 140.578**, and if you desaturate by 10%, it is **95, 35.837, 142.347**.

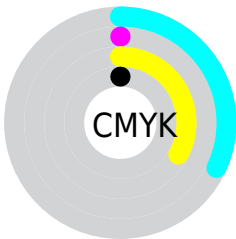
Distribution



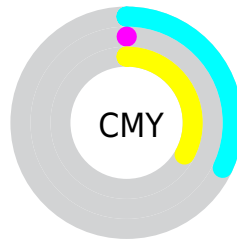
- Red (68%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (99%)



- Cyan (32%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 51.555, 141.519 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, 51.555, 141.519 by changing the saturation by 10% instead.


 93, 51.555,
141.519


 93, 51.555,
141.519


 100, 51.555,
141.519


 83, 51.555,
141.519

 73, 51.555,
141.519

 63, 51.555,
141.519


 53, 51.555,
141.519

 43, 51.555,
141.519


 33, 51.555,
141.519


 23, 51.555,


141.519


 13, 51.555,
141.519


 3, 51.555, 141.519


 93, 51.555,
141.519


 93, 51.555,
141.519

 91, 66.782,
140.578


 95, 35.837,
142.347

 90, 81.091,
139.541

 97, 19.949,
143.064

 89, 93.958,
138.462

 99, 4.135, 143.727

 88, 104.758,
137.440

100, 0.421,
323.722

■ 88, 112.830,
136.615

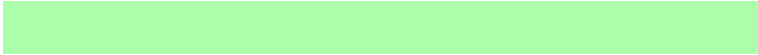
■ 88, 117.696,
136.124

■ 88, 119.431,
135.949

Harmonies

Complementary

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



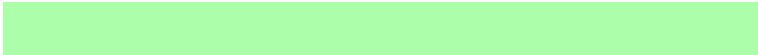
93, 51.555, 141.519



80, 51.602, 325.522

Rectangle

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



93, 51.555, 141.519



93, 51.555, 191.519



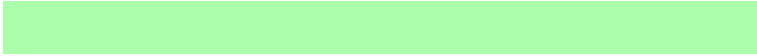
93, 51.555, 321.519



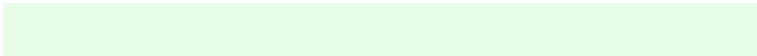
93, 51.555, 11.519

Sweetspot

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



93, 51.557, 141.519



98, 15.786, 143.238



97, 40.326, 105.534



52, 10.779, 143.146



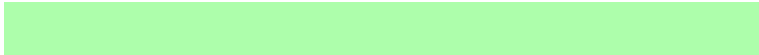
0, 0.000, 0.000



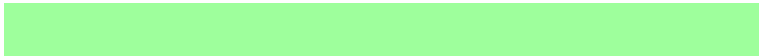
53, 0.007, 296.813

Same Dimension

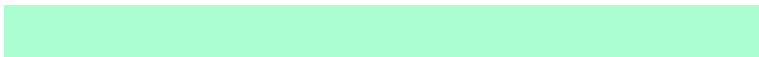
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 51.557, 141.519



92, 61.445, 140.933



94, 36.717, 158.842



52, 8.972, 143.270



68, 96.347, 135.920



22, 43.625, 136.443

Inverse Universe

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



80, 51.602, 325.522



77, 61.440, 325.836



79, 37.974, 344.901



50, 8.989, 324.287



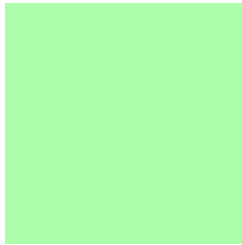
45, 93.184, 327.276



12, 42.863, 327.390

Previews

White Background



This preview shows how the CIE LCh color 93, 51.555, 141.519 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, 51.555, 141.519 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

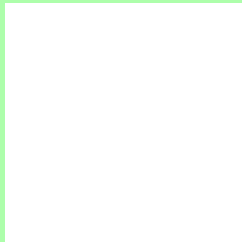
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 51.555, 141.519

Background



This preview shows how black text looks on a background with the CIELCh color 93, 51.555, 141.519.

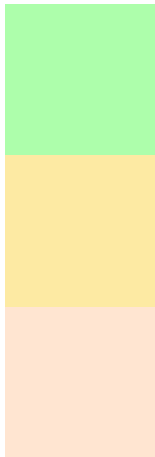


This preview shows how white text looks on a background with the CIELCh color 93, 51.555, 141.519.

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, 51.555, 141.519

Protanopia
93, 37.020, 95.457

Deuteranopia
93, 14.213, 65.993

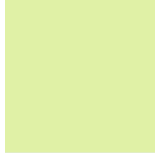


Tritanopia
93, 14.276, 229.291

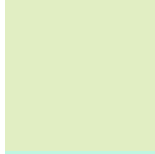
Trichromacy



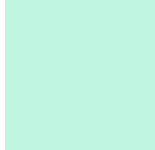
Original Color
93, 51.555, 141.519



Protanomaly
92, 38.633, 116.967



Deuteranomaly
92, 22.594, 120.847

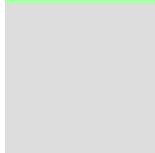


Tritanomaly
93, 21.705, 168.027

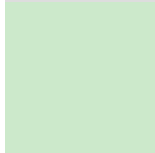
Monochromacy



Original Color
93, 51.555, 141.519



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 18.867, 142.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 51.555, 141.519 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(173, 254, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 254, 171)  
}
```

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(173, 254, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 254, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 51.555, 141.519 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(173, 254, 171) }
```

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

```
.border{ border-color:rgb(173, 254, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 254, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 254, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 254, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 254,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 51.555, 141.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 254, 171) }
```

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

```
.background{ background-color: rgb(173,  
254, 171) }
```

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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