

Converting Colors

CIELCh(93, 51.400, 148.349)

Have a look what the booklet for
CIELCh(93, 51.400, 148.349)
contains.

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Color

CIELCh(93, 50.892, 148.428)

Conversions

Conversions Part 1

Format	Color
Hex	A0FFB6
RGB	160, 255, 182
RGB Percent	63%, 100%, 71%
CMY	0.3729, 0.0000, 0.2867
CMYK	0.37, 0.00, 0.29, 0.00
HSL	134°, 100%, 81%
HSV	134°, 37%, 100%
XYZ	58.9779, 82.9670, 57.1027
YIQ	218.2730, -33.1870, -42.8430

Conversions

Conversions Part 2

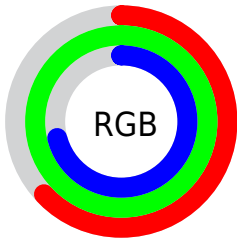
Format	Color
RYB	160, 237, 255
Decimal	10551222
CIELab	93.00, -43.36, 26.65
CIElCh	93, 50.892, 148.428
Yxy	82.9670, 0.2963, 0.4168
Android (android.graphics.Color)	4288741302 (0xFFA0FFB6)
YUV	218.2730, -17.8826, -51.1054
Hunter-Lab	91.0862, -43.8231, 26.5910

Details

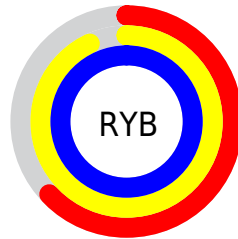
The CIELCh color **93, 50.892, 148.428** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 50.613, 334.193**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.891, 165.278**, and **73, 50.342, 148.653** is the 20% darker color. If you saturate the color by 10%, you get **91, 63.186, 147.365**, and if you desaturate by 10%, it is **94, 37.011, 149.546**.

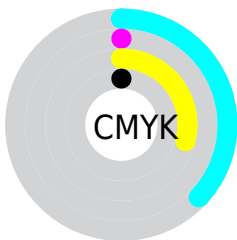
Distribution



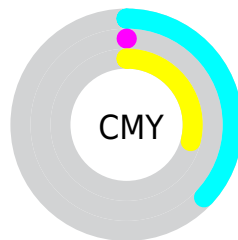
- Red (63%)
- Green (100%)
- Blue (71%)



- Red (63%)
- Yellow (93%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)




- Cyan (37%)
- Magenta (0%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 50.892, 148.428 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, 50.892, 148.428 by changing the saturation by 10% instead.


 93, 50.892,
148.428


 93, 50.892,
148.428


 100, 50.892,
148.428


 83, 50.892,
148.428

 73, 50.892,
148.428

 63, 50.892,
148.428


 53, 50.892,
148.428

 43, 50.892,
148.428


 33, 50.892,
148.428

 23, 50.892,


148.428

 13, 50.892,
148.428


 3, 50.892, 148.428

 93, 50.892,
148.428


 93, 50.892,
148.428

 91, 63.186,
147.365


 94, 37.011,
149.546

 90, 75.252,
146.024

 96, 23.436,
150.422

 89, 86.249,
144.510

 98, 9.829, 151.195

 89, 95.899,
142.845

100, 0.012,
296.813

■ 88, 103.964,
141.085

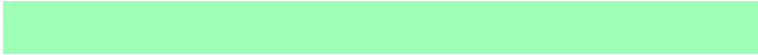
■ 88, 110.283,
139.338

■ 88, 111.730,
138.911

Harmonies

Complementary

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



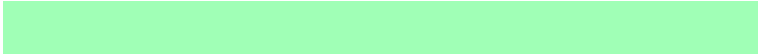
93, 50.892, 148.428



77, 50.613, 334.193

Rectangle

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



93, 50.892, 148.428



93, 50.892, 198.428



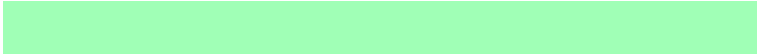
93, 50.892, 328.428



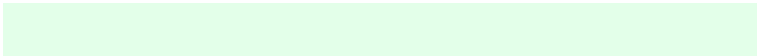
93, 50.892, 18.428

Sweetspot

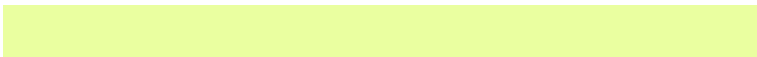
The Sweet Spot groups the original color and five complimentary colors.



93, 50.344, 148.534



98, 14.876, 150.916



97, 48.135, 116.138



52, 10.002, 150.812



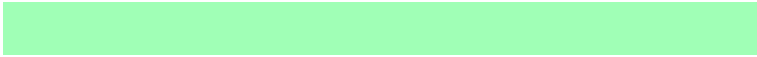
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

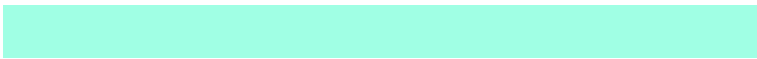
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 50.344, 148.534



92, 60.309, 147.647



94, 34.283, 173.300



52, 7.682, 151.029



68, 89.332, 139.223



23, 38.679, 141.834

Inverse Universe

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



77, 50.613, 334.193



73, 60.478, 334.782



76, 38.659, 1.631



50, 7.710, 332.223



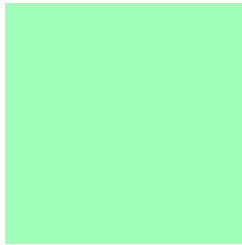
43, 77.887, 340.146



11, 36.567, 338.388

Previews

White Background



This preview shows how the CIE LCh color 93, 50.892, 148.428 looks on a white background.

Color Contrast Check

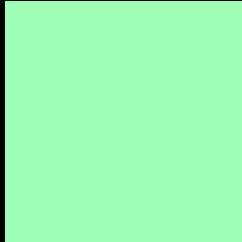
Large Text (above 18pt) WCAG AA × Fail

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, 50.892, 148.428 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

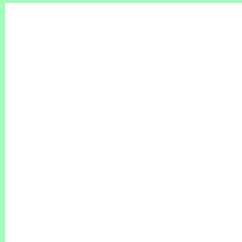
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 50.892, 148.428

Background



This preview shows how black text looks on a background with the CIELCh color 93, 50.892, 148.428.

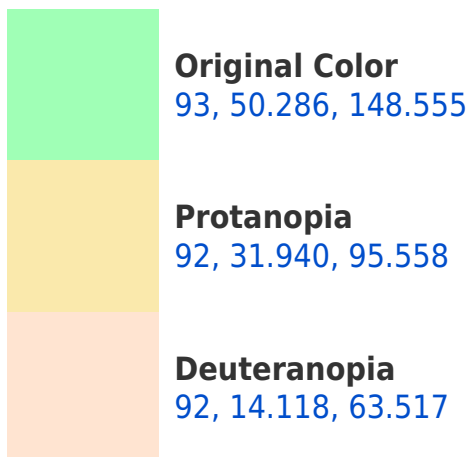


This preview shows how white text looks on a background with the CIELCh color 93, 50.892, 148.428.

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



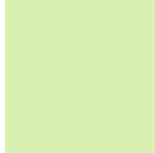


Tritanopia
93, 16.175, 225.297

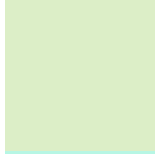
Trichromacy



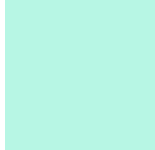
Original Color
93, 50.286, 148.555



Protanomaly
92, 34.394, 122.950



Deuteranomaly
92, 21.148, 126.951

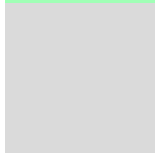


Tritanomaly
92, 23.453, 174.466

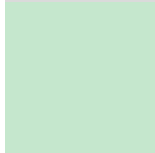
Monochromacy



Original Color
93, 50.286, 148.555



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 18.346, 150.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 50.892, 148.428 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(160, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 182)  
}
```

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(160, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 50.892, 148.428 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(160, 255, 182) }
```

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

```
.border{ border-color:rgb(160, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 50.892, 148.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 255, 182) }
```

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

```
.background{ background-color: rgb(160,  
255, 182) }
```

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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