

Converting Colors

CIELCh(100, 64.932, 146.035)

Have a look what the booklet for
CIELCh(100, 64.932, 146.035)
contains.

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Color

CIELCh(93, 50.286, 148.555)

Conversions

Conversions Part 1

Format	Color
Hex	A1FFB7
RGB	161, 255, 183
RGB Percent	63%, 100%, 72%
CMY	0.3696, 0.0000, 0.2834
CMYK	0.37, 0.00, 0.28, 0.00
HSL	134°, 100%, 82%
HSV	134°, 37%, 100%
XYZ	59.1681, 82.9670, 57.5417
YIQ	218.6860, -32.9120, -42.3200

Conversions

Conversions Part 2

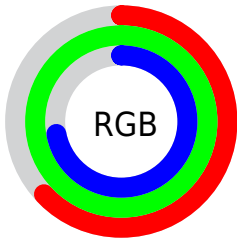
Format	Color
RYB	161, 237, 255
Decimal	10616759
CIELab	93.00, -42.90, 26.23
CIELCh	93, 50.286, 148.555
Yxy	82.9670, 0.2963, 0.4155
Android (android.graphics.Color)	4288806839 (0xFFA1FFB7)
YUV	218.6860, -17.5932, -50.5906
Hunter-Lab	91.0862, -43.4502, 26.3052

Details

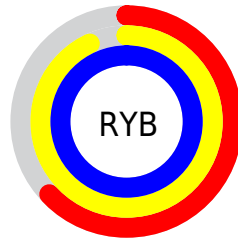
The CIELCh color **93, 50.286, 148.555** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 50.120, 334.253**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.310, 166.178**, and **73, 49.730, 148.819** is the 20% darker color. If you saturate the color by 10%, you get **91, 62.685, 147.477**, and if you desaturate by 10%, it is **94, 36.520, 149.650**.

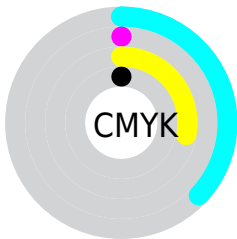
Distribution



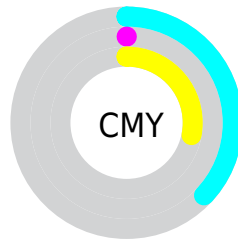
- Red (63%)
- Green (100%)
- Blue (72%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 50.286, 148.555 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, 50.286, 148.555 by changing the saturation by 10% instead.


 93, 50.286,
148.555


 93, 50.286,
148.555


 100, 50.286,
148.555


 83, 50.286,
148.555

 73, 50.286,
148.555

 63, 50.286,
148.555

 53, 50.286,
148.555

 43, 50.286,
148.555

 33, 50.286,
148.555

 23, 50.286,

148.555

■ 13, 50.286,
148.555

■ 3, 50.286, 148.555

■ 93, 50.286,
148.555

■ 93, 50.286,
148.555

■ 91, 62.685,
147.477

■ 94, 36.520,
149.650

■ 90, 74.762,
146.140

■ 96, 22.964,
150.523

■ 89, 85.783,
144.629

■ 98, 9.380, 151.296

■ 89, 95.470,
142.965

100, 0.012,
296.813

■ 88, 103.588,
141.202

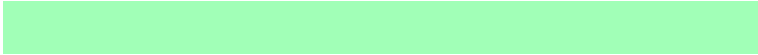
■ 88, 109.972,
139.443

■ 88, 111.601,
138.960

Harmonies

Complementary

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



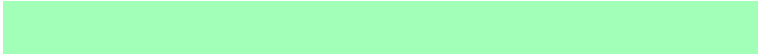
93, 50.286, 148.555



78, 50.120, 334.253

Rectangle

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



93, 50.286, 148.555



93, 50.286, 198.555



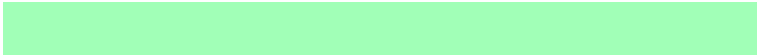
93, 50.286, 328.555



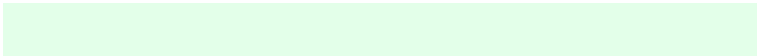
93, 50.286, 18.555

Sweetspot

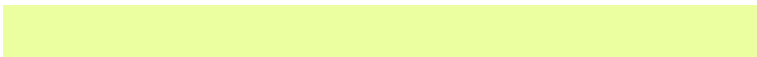
The Sweet Spot groups the original color and five complimentary colors.



93, 49.844, 148.642



98, 14.853, 150.992



97, 47.736, 116.159



52, 9.987, 150.888



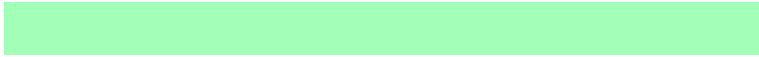
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

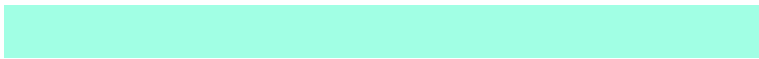
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 49.844, 148.642



92, 58.945, 147.840



94, 34.013, 173.339



52, 7.670, 151.105



68, 89.225, 139.273



23, 38.626, 141.894

Inverse Universe

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



78, 50.120, 334.253



74, 59.148, 334.791



76, 38.313, 1.578



50, 7.699, 332.301



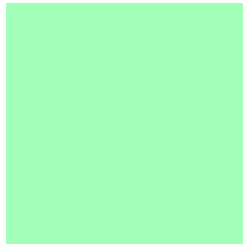
43, 77.770, 340.283



11, 36.517, 338.502

Previews

White Background



This preview shows how the CIE LCh color 93, 50.286, 148.555 looks on a white background.

Color Contrast Check

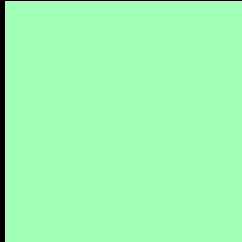
Large Text (above 18pt) WCAG AA × Fail

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, 50.286, 148.555 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, 50.286, 148.555

Background



This preview shows how black text looks on a background with the CIELCh color 93, 50.286, 148.555.

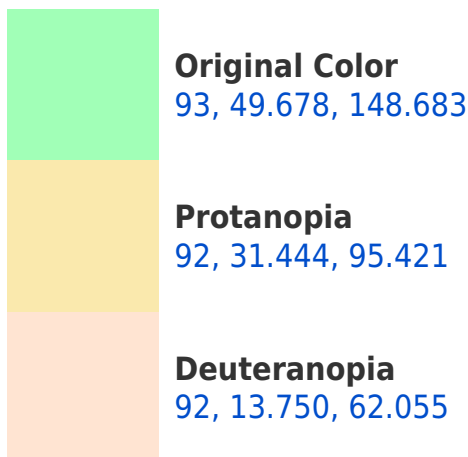


This preview shows how white text looks on a background with the CIELCh color 93, 50.286, 148.555.

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



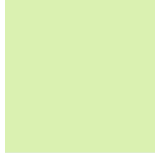


Tritanopia
93, 15.902, 225.806

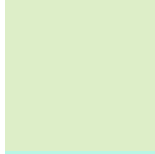
Trichromacy



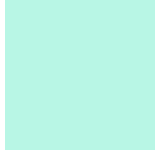
Original Color
93, 49.678, 148.683



Protanomaly
92, 33.804, 122.591



Deuteranomaly
92, 20.540, 126.456

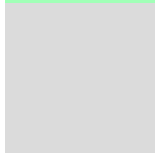


Tritanomaly
92, 22.921, 175.334

Monochromacy



Original Color
93, 49.678, 148.683



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 18.331, 150.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 50.286, 148.555 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(161, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 183)  
}
```

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(161, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 50.286, 148.555 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(161, 255, 183) }
```

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

```
.border{ border-color:rgb(161, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 50.286, 148.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 183) }
```

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

```
.background{ background-color: rgb(161,  
255, 183) }
```

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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