

Converting Colors

CIELCh(93, 53.093, 146.119)

Have a look what the booklet for
CIELCh(93, 53.093, 146.119)
contains.

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Color

CIElCh(93, 52.485, 146.213)

Conversions

Conversions Part 1

Format	Color
Hex	A2FFB1
RGB	162, 255, 177
RGB Percent	64%, 100%, 69%
CMY	0.3650, 0.0000, 0.3063
CMYK	0.37, 0.00, 0.31, 0.00
HSL	130°, 100%, 82%
HSV	130°, 37%, 100%
XYZ	58.8694, 82.9670, 54.4453
YIQ	218.3010, -30.3900, -43.9740

Conversions

Conversions Part 2

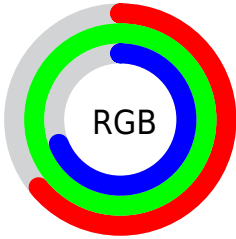
Format	Color
RYB	162, 242, 255
Decimal	10682289
CIELab	93.00, -43.62, 29.19
CIELCh	93, 52.485, 146.213
Yxy	82.9670, 0.2999, 0.4227
Android (android.graphics.Color)	4288872369 (0xFFA2FFB1)
YUV	218.3010, -20.3614, -49.3760
Hunter-Lab	91.0862, -44.0357, 28.3208

Details

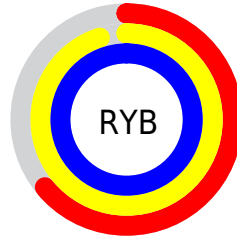
The CIELCh color **93, 52.485, 146.213** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **78, 52.022, 331.490**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.000, 157.028**, and **73, 52.017, 146.366** is the 20% darker color. If you saturate the color by 10%, you get **91, 65.511, 145.170**, and if you desaturate by 10%, it is **94, 37.859, 147.259**.

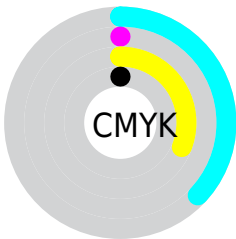
Distribution



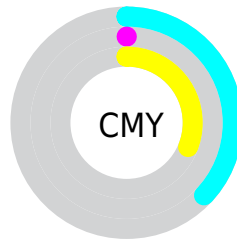
- Red (64%)
- Green (100%)
- Blue (69%)



- Red (64%)
- Yellow (95%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 52.485, 146.213 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, 52.485, 146.213 by changing the saturation by 10% instead.


 93, 52.485,
146.213


 93, 52.485,
146.213


 100, 52.485,
146.213


 83, 52.485,
146.213

 73, 52.485,
146.213

 63, 52.485,
146.213


 53, 52.485,
146.213

 43, 52.485,
146.213


 33, 52.485,
146.213


 23, 52.485,


146.213


 13, 52.485,
146.213


 3, 52.485, 146.213


 93, 52.485,
146.213


 93, 52.485,
146.213

 91, 65.511,
145.170


 94, 37.859,
147.259

 90, 78.251,
143.893

 96, 23.547,
148.094

 89, 89.805,
142.471

 98, 9.226, 148.829

 89, 99.813,
140.945

100, 0.012,
296.813

■ 88, 107.932,
139.395

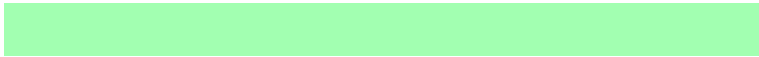
■ 88, 113.886,
137.949

■ 88, 115.478,
137.527

Harmonies

Complementary

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



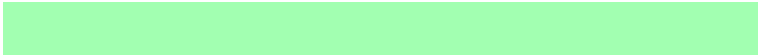
93, 52.485, 146.213



78, 52.022, 331.490

Rectangle

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



93, 52.485, 146.213



93, 52.485, 196.213



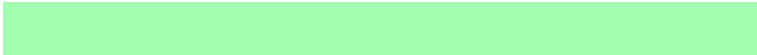
93, 52.485, 326.213



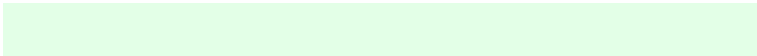
93, 52.485, 16.213

Sweetspot

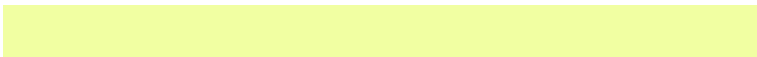
The Sweet Spot groups the original color and five complimentary colors.



93, 51.940, 146.290



97, 15.654, 148.507



97, 46.792, 113.312



52, 10.526, 148.408



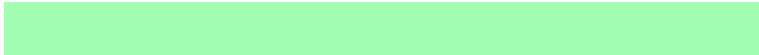
0, 0.000, 0.000



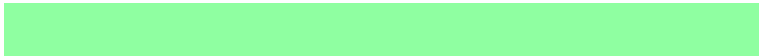
53, 0.007, 296.813

Same Dimension

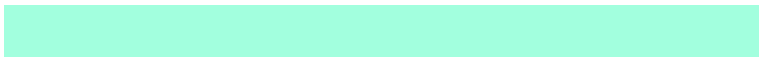
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 51.940, 146.290



92, 62.178, 145.465



94, 35.373, 168.823



52, 8.083, 148.615



68, 92.469, 137.770



23, 40.341, 140.022

Inverse Universe

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



78, 52.022, 331.490



74, 62.109, 331.983



77, 38.718, 356.798



50, 8.104, 329.749



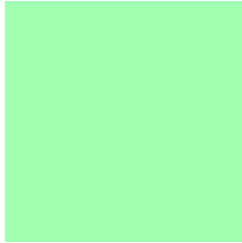
44, 82.074, 335.886



12, 38.324, 334.819

Previews

White Background



This preview shows how the CIE LCh color 93, 52.485, 146.213 looks on a white background.

Color Contrast Check

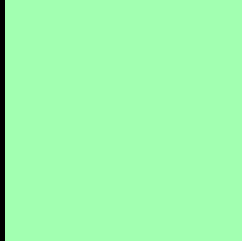
Large Text (above 18pt) WCAG AA × Fail

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, 52.485, 146.213 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, 52.485, 146.213

Background



This preview shows how black text looks on a background with the CIELCh color 93, 52.485, 146.213.

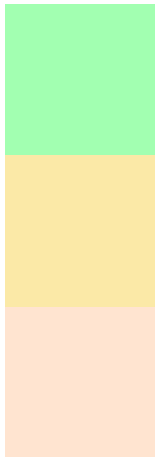


This preview shows how white text looks on a background with the CIELCh color 93, 52.485, 146.213.

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, 51.876, 146.308

Protanopia
92, 34.499, 95.514

Deuteranopia
92, 14.494, 64.902

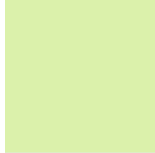


Tritanopia
93, 15.902, 225.806

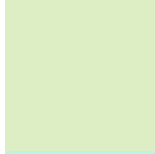
Trichromacy



Original Color
93, 51.876, 146.308



Protanomaly
92, 36.615, 120.676



Deuteranomaly
92, 22.005, 125.187

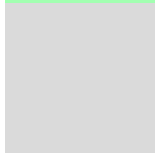


Tritanomaly
92, 23.421, 173.059

Monochromacy



Original Color
93, 51.876, 146.308



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 18.921, 147.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 52.485, 146.213 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(162, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(162, 255, 177)  
}
```

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(162, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 255, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 52.485, 146.213 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(162, 255, 177) }
```

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

```
.border{ border-color:rgb(162, 255, 177) }
```

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

Here you see how a box with a 4 pixel rgb(162, 255, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(162, 255,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 52.485, 146.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 255, 177) }
```

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

```
.background{ background-color: rgb(162,  
255, 177) }
```

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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