

Converting Colors

CIELCh(93, 53.327, 146.690)

Have a look what the booklet for
CIELCh(93, 53.327, 146.690)
contains.

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Color

CIELCh(93, 52.491, 147.026)

Conversions

Conversions Part 1

Format	Color
Hex	A0FFB2
RGB	160, 255, 178
RGB Percent	63%, 100%, 70%
CMY	0.3721, 0.0000, 0.3016
CMYK	0.37, 0.00, 0.30, 0.00
HSL	131°, 100%, 81%
HSV	131°, 37%, 100%
XYZ	58.6977, 82.9670, 55.0842
YIQ	217.8170, -31.9030, -44.0870

Conversions

Conversions Part 2

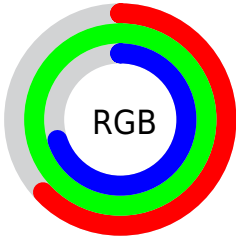
Format	Color
RYB	160, 240, 255
Decimal	10551218
CIELab	93.00, -44.04, 28.57
CIElCh	93, 52.491, 147.026
Yxy	82.9670, 0.2983, 0.4217
Android (android.graphics.Color)	4288741298 (0xFFA0FFB2)
YUV	217.8170, -19.6298, -50.7055
Hunter-Lab	91.0862, -44.3722, 27.9048

Details

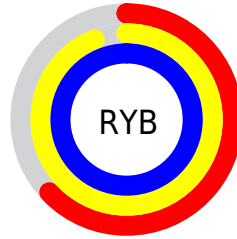
The CIELCh color **93, 52.491, 147.026** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **78, 51.967, 332.576**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.175, 159.705**, and **73, 51.996, 147.167** is the 20% darker color. If you saturate the color by 10%, you get **91, 65.076, 145.987**, and if you desaturate by 10%, it is **94, 38.060, 148.124**.

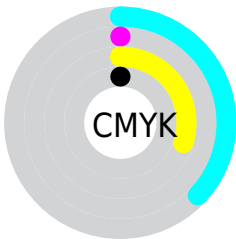
Distribution



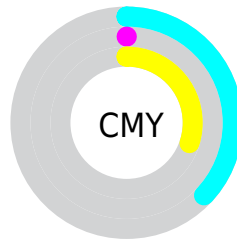
- Red (63%)
- Green (100%)
- Blue (70%)



- Red (63%)
- Yellow (94%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 52.491, 147.026 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, 52.491, 147.026 by changing the saturation by 10% instead.


 93, 52.491,
147.026


 93, 52.491,
147.026


 100, 52.491,
147.026


 83, 52.491,
147.026

 73, 52.491,
147.026

 63, 52.491,
147.026

 53, 52.491,
147.026

 43, 52.491,
147.026

 33, 52.491,
147.026

 23, 52.491,

147.026

■ 13, 52.491,
147.026

■ 3, 52.491, 147.026

■ 93, 52.491,
147.026

■ 93, 52.491,
147.026

■ 91, 65.076,
145.987

■ 94, 38.060,
148.124

■ 90, 77.509,
144.677

■ 96, 24.052,
148.980

■ 89, 88.797,
143.211

■ 98, 10.020,
149.732

■ 89, 98.614,
141.620

■ 100, 0.012,
296.813

■ 88, 106.665,
139.979

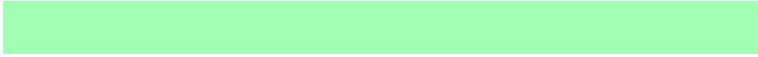
■ 88, 112.728,
138.409

■ 88, 114.093,
138.031

Harmonies

Complementary

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



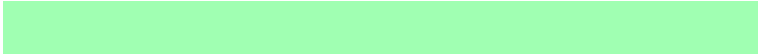
93, 52.491, 147.026



78, 51.967, 332.576

Rectangle

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



93, 52.491, 147.026



93, 52.491, 197.026



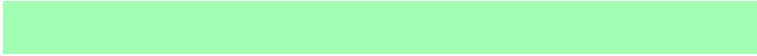
93, 52.491, 327.026



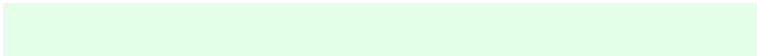
93, 52.491, 17.026

Sweetspot

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



93, 51.824, 147.133



98, 15.335, 149.455



97, 47.831, 114.711



52, 10.312, 149.354



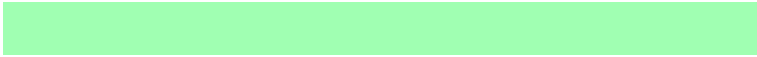
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 51.824, 147.133



92, 62.211, 146.254



94, 35.086, 170.967



52, 7.919, 149.565



68, 91.299, 138.304



23, 39.701, 140.701

Inverse Universe

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



78, 51.967, 332.576



74, 62.203, 333.121



76, 38.989, 359.232



50, 7.943, 330.722



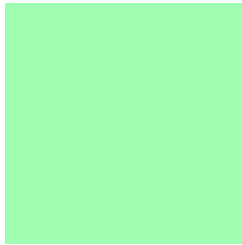
43, 80.318, 337.540



11, 37.593, 336.211

Previews

White Background



This preview shows how the CIE LCh color 93, 52.491, 147.026 looks on a white background.

Color Contrast Check

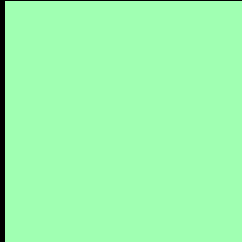
Large Text (above 18pt) WCAG AA × Fail

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, 52.491, 147.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

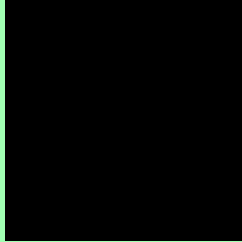
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

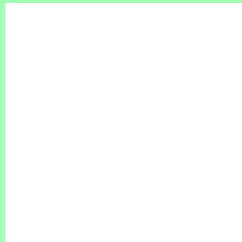
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 52.491, 147.026

Background



This preview shows how black text looks on a background with the CIELCh color 93, 52.491, 147.026.

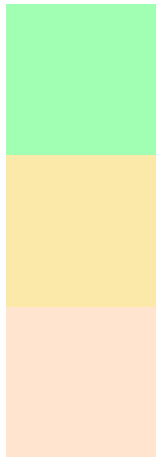


This preview shows how white text looks on a background with the CIELCh color 93, 52.491, 147.026.

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, 51.884, 147.133

Protanopia
92, 33.920, 96.051

Deuteranopia
92, 14.494, 64.902

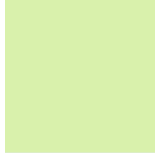


Tritanopia
93, 16.175, 225.297

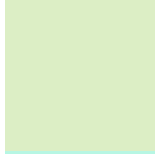
Trichromacy



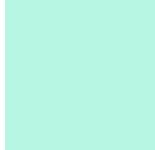
Original Color
93, 51.884, 147.133



Protanomaly
92, 36.328, 122.026



Deuteranomaly
92, 22.121, 126.088

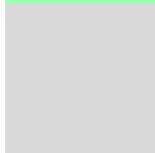


Tritanomaly
92, 23.706, 173.351

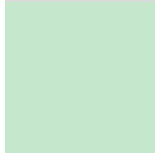
Monochromacy



Original Color
93, 51.884, 147.133



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 19.150, 148.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 52.491, 147.026 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 52.491, 147.026 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, 178) }
```

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

```
.border{ border-color:rgb(160, 255, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 52.491, 147.026 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, 178) }
```

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

```
.background{ background-color: rgb(160,  
255, 178) }
```

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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