

Converting Colors

CIELCh(91, 53.291, 146.798)

Have a look what the booklet for
CIELCh(91, 53.291, 146.798)
contains.

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Color

CIELCh(91, 53.636, 146.525)

Conversions

Conversions Part 1	
Format	Color
Hex	9AFBAB
RGB	154, 251, 171
RGB Percent	60%, 98%, 67%
CMY	0.3977, 0.0173, 0.3310
CMYK	0.39, 0.00, 0.32, 0.02
HSL	131°, 92%, 79%
HSV	131°, 39%, 98%
XYZ	54.9253, 78.4833, 50.5839
YIQ	212.8770, -32.1320, -45.4440

Conversions

Conversions Part 2

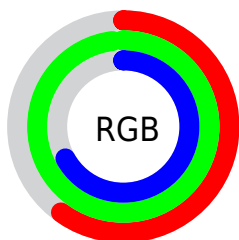
Format	Color
RYB	154, 237, 251
Decimal	10156971
CIELab	91.00, -44.74, 29.58
CIELCh	91, 53.636, 146.525
Yxy	78.4833, 0.2985, 0.4266
Android (android.graphics.Color)	4288347051 (0xFF9AFBAB)
YUV	212.8770, -20.6454, -51.6351
Hunter-Lab	88.5908, -44.3660, 28.1599

Details

The CIELCh color **91, 53.636, 146.525** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 53.727, 332.162**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.186, 155.636**, and **71, 53.764, 146.423** is the 20% darker color. If you saturate the color by 10%, you get **90, 66.734, 145.364**, and if you desaturate by 10%, it is **93, 39.985, 147.531**.

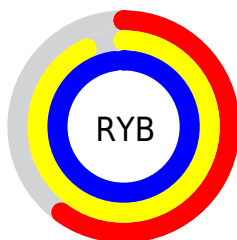
Distribution



Red (60%)

Green (98%)

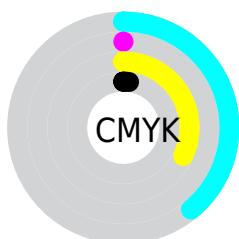
Blue (67%)



Red (60%)

Yellow (93%)

Blue (98%)

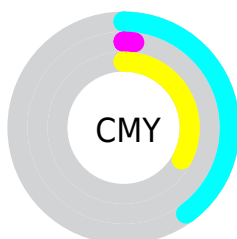


Cyan (39%)

Magenta (0%)

Yellow (32%)

Black (2%)



Cyan (40%)


Magenta (2%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 53.636, 146.525 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 91, 53.636, 146.525 by changing the saturation by 10% instead.


 91, 53.636,
146.525


 91, 53.636,
146.525


 100, 53.636,
146.525


 81, 53.636,
146.525

 71, 53.636,
146.525

 61, 53.636,
146.525


 51, 53.636,
146.525

 41, 53.636,
146.525


 31, 53.636,
146.525


 21, 53.636,


146.525


 11, 53.636,
146.525


 1, 53.636, 146.525


 91, 53.636,
146.525


 91, 53.636,
146.525


 90, 66.734,
145.364


 93, 39.985,
147.531

 89, 78.959,
144.044

 94, 26.053,
148.399

 88, 89.976,
142.576

 96, 12.069,
149.155

 87, 99.451,
141.004

 99, 1.791, 329.562

 99, 2.754, 324.426

■ 87, 107.079,
139.413

■ 86, 112.655,
137.947

■ 86, 113.243,
137.789

Harmonies

Complementary

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



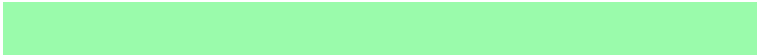
91, 53.636, 146.525



76, 53.727, 332.162

Rectangle

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



91, 53.636, 146.525



91, 53.636, 196.525



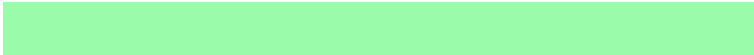
91, 53.636, 326.525



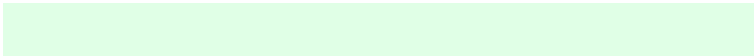
91, 53.636, 16.525

Sweetspot

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



91, 53.637, 146.525



97, 16.907, 148.915



95, 48.892, 113.886



52, 11.222, 148.818



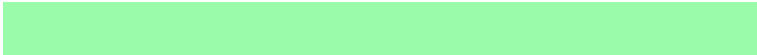
0, 0.000, 0.000



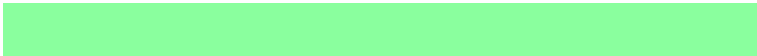
53, 0.007, 296.813

Same Dimension

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



91, 53.637, 146.525



91, 64.162, 145.689



92, 36.341, 169.657



51, 7.867, 149.099



67, 90.941, 138.049



22, 38.803, 140.558

Inverse Universe

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



76, 53.727, 332.162



73, 64.069, 332.661



74, 40.267, 358.295



49, 7.889, 330.242



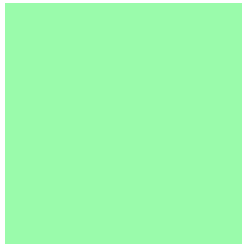
43, 80.366, 336.713



11, 36.980, 335.460

Previews

White Background



This preview shows how the CIELCh color 91, 53.636, 146.525 looks on a white background.

Color Contrast Check

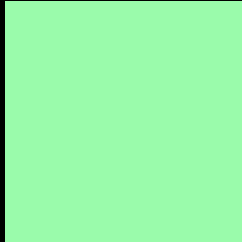
Large Text (above 18pt) WCAG AA × Fail

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 91, 53.636, 146.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

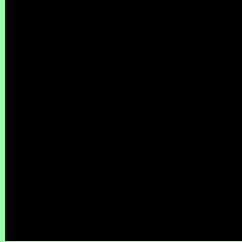
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 53.636, 146.525

Background



This preview shows how black text looks on a background with the CIELCh color 91, 53.636, 146.525.

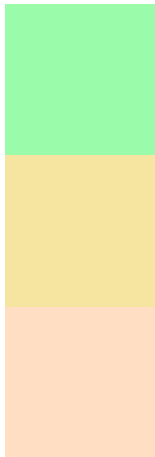


This preview shows how white text looks on a background with the CIELCh color 91, 53.636, 146.525.

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
91, 53.636, 146.525

Protanopia
91, 35.127, 95.548

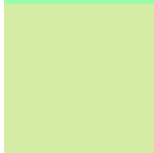
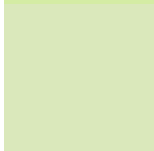

Deuteranopia
91, 18.541, 66.089



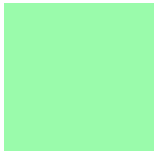
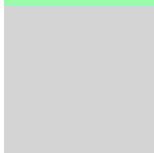

Tritanopia

91, 20.196, 224.419

Trichromacy

	Original Color 91, 53.636, 146.525
	Protanomaly 90, 37.913, 121.353
	Deuteranomaly 90, 23.786, 121.115
	Tritanomaly 91, 26.561, 175.823

Monochromacy

	Original Color 91, 53.636, 146.525
	Achromatopsia 85, 0.010, 296.813
	Achromatomaly 87, 19.873, 148.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 53.636, 146.525 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(154, 251, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 251, 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(154, 251, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 251, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 53.636, 146.525 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(154, 251, 171) }
```

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

```
.border{ border-color:rgb(154, 251, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 251, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 251, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 251, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 251,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 53.636, 146.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 251, 171) }
```

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

```
.background{ background-color: rgb(154,  
251, 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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