

Converting Colors

CIELCh(91, 50.851, 142.090)

Have a look what the booklet for
CIELCh(91, 50.851, 142.090)
contains.

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Color

CIELCh(91, 50.311, 142.117)

Conversions

Conversions Part 1	
Format	Color
Hex	A8F8A8
RGB	168, 248, 168
RGB Percent	66%, 97%, 66%
CMY	0.3402, 0.0264, 0.3402
CMYK	0.32, 0.00, 0.32, 0.03
HSL	120°, 86%, 82%
HSV	120°, 32%, 97%
XYZ	56.9397, 78.4833, 49.3120
YIQ	214.9600, -22.0000, -41.8400

Conversions

Conversions Part 2

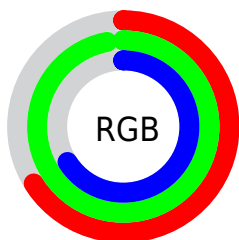
Format	Color
RYB	168, 248, 248
Decimal	11073704
CIELab	91.00, -39.71, 30.89
CIELCh	91, 50.311, 142.117
Yxy	78.4833, 0.3082, 0.4248
Android (android.graphics.Color)	4289263784 (0xFFA8F8A8)
YUV	214.9600, -23.1513, -41.1839
Hunter-Lab	88.5908, -40.3071, 29.0112

Details

The CIELCh color **91, 50.311, 142.117** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **79, 50.286, 326.193**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 19.166, 142.888**, and **71, 50.338, 142.013** is the 20% darker color. If you saturate the color by 10%, you get **89, 65.357, 141.138**, and if you desaturate by 10%, it is **93, 34.774, 142.973**.

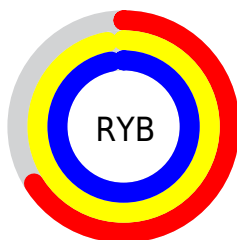
Distribution



Red (66%)

Green (97%)

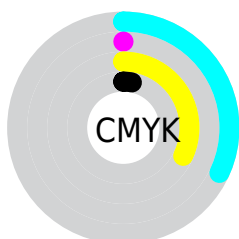
Blue (66%)



Red (66%)

Yellow (97%)

Blue (97%)

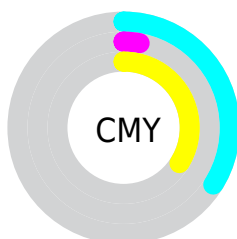


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (3%)



Cyan (34%)


Magenta (3%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 50.311, 142.117 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, 50.311, 142.117 by changing the saturation by 10% instead.


 91, 50.311,
142.117


 91, 50.311,
142.117


 100, 50.311,
142.117


 81, 50.311,
142.117


 71, 50.311,
142.117

 61, 50.311,
142.117


 51, 50.311,
142.117


 41, 50.311,
142.117


 31, 50.311,
142.117


 21, 50.311,


142.117


 11, 50.311,
142.117


 1, 50.311, 142.117


 91, 50.311,
142.117


 91, 50.311,
142.117

 89, 65.357,
141.138


 93, 34.774,
142.973

 88, 79.484,
140.050


 95, 19.071,
143.711


 87, 92.176,
138.902


 97, 3.447, 144.403

 86, 102.819,
137.792

 98, 4.193, 324.514

 86, 110.772,
136.861

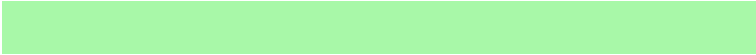
 86, 115.569,
136.254

 86, 117.373,
136.016

Harmonies

Complementary

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



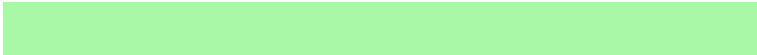
91, 50.311, 142.117



79, 50.286, 326.193

Rectangle

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



91, 50.311, 142.117



91, 50.311, 192.117



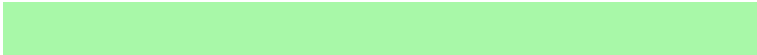
91, 50.311, 322.117



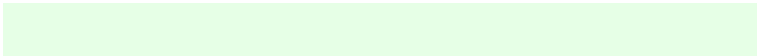
91, 50.311, 12.117

Sweetspot

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



91, 50.313, 142.117



98, 15.911, 143.861



96, 39.668, 106.321



52, 10.865, 143.766



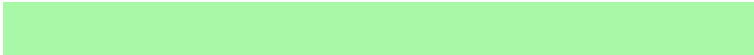
0, 0.000, 0.000



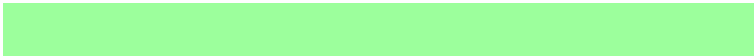
53, 0.007, 296.813

Same Dimension

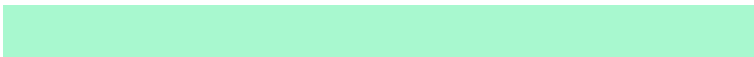
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 50.313, 142.117



92, 61.898, 141.462



92, 35.095, 159.728



51, 8.894, 143.895



67, 95.514, 136.016



21, 42.475, 137.058

Inverse Universe

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



79, 50.286, 326.193



77, 61.782, 326.542



78, 36.397, 345.779



49, 8.908, 324.943



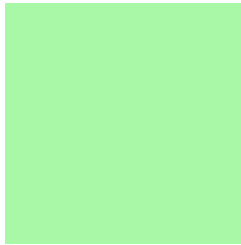
45, 92.157, 328.229



12, 41.696, 328.229

Previews

White Background



This preview shows how the CIELCh color 91, 50.311, 142.117 looks on a white background.

Color Contrast Check

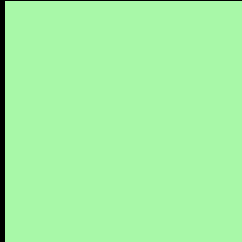
Large Text (above 18pt) WCAG AA × Fail

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, 50.311, 142.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

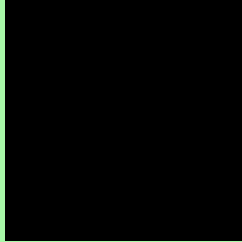
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 50.311, 142.117

Background



This preview shows how black text looks on a background with the CIELCh color 91, 50.311, 142.117.

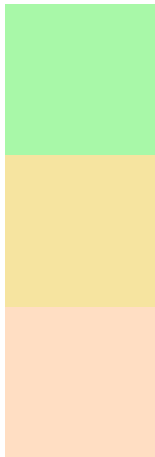


This preview shows how white text looks on a background with the CIELCh color 91, 50.311, 142.117.

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, 50.311, 142.117

Protanopia

91, 35.621, 95.658

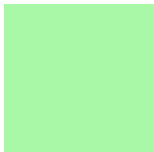
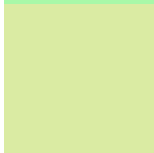
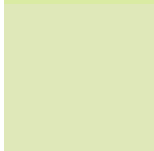

Deuteranopia

91, 18.937, 67.076

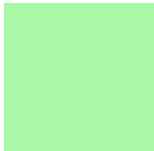
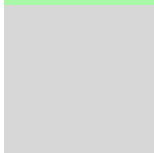
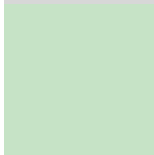


Tritanopia
91, 18.335, 229.312

Trichromacy

	Original Color 91, 50.311, 142.117
	Protanomaly 90, 37.328, 117.395
	Deuteranomaly 90, 24.420, 116.254
	Tritanomaly 91, 22.952, 173.841

Monochromacy

	Original Color 91, 50.311, 142.117
	Achromatopsia 86, 0.010, 296.813
	Achromatomaly 87, 18.528, 143.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 50.311, 142.117 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(168, 248, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 248, 168)  
}
```

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(168, 248, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 248, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 50.311, 142.117 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(168, 248, 168) }
```

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

```
.border{ border-color:rgb(168, 248, 168) }
```

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

Here you see how a box with a 4 pixel rgb(168, 248, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 248, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 248, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 248,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 50.311, 142.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 248, 168) }
```

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

```
.background{ background-color: rgb(168,  
248, 168) }
```

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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