

Converting Colors

CIELCh(91, 46.813, 148.699)

Have a look what the booklet for
CIELCh(91, 46.813, 148.699)
contains.

CIELCh(91, 47.004, 148.615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 47.004, 148.615)

Conversions

Conversions Part 1

Format	Color
Hex	A1F9B5
RGB	161, 249, 181
RGB Percent	63%, 98%, 71%
CMY	0.3695, 0.0245, 0.2911
CMYK	0.35, 0.00, 0.27, 0.02
HSL	134°, 88%, 80%
HSV	134°, 35%, 98%
XYZ	56.7705, 78.4833, 55.7520
YIQ	214.9360, -30.6200, -39.8040

Conversions

Conversions Part 2

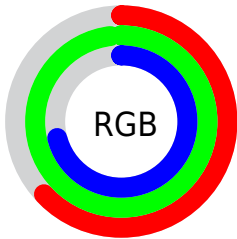
Format	Color
R_{YB}	161, 233, 249
Decimal	10615221
CIE _{Lab}	91.00, -40.13, 24.48
CIE _{LCh}	91, 47.004, 148.615
Yxy	78.4833, 0.2972, 0.4109
Android (android.graphics.Color)	4288805301 (0xFFA1F9B5)
YUV	214.9360, -16.7304, -47.3019
Hunter-Lab	88.5908, -40.6481, 24.7012

Details

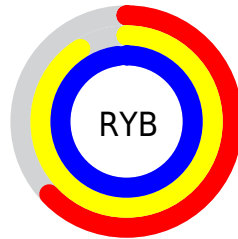
The CIELCh color **91, 47.004, 148.615** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 47.259, 333.900**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.922, 163.146**, and **71, 46.844, 148.628** is the 20% darker color. If you saturate the color by 10%, you get **90, 59.744, 147.481**, and if you desaturate by 10%, it is **93, 33.835, 149.596**.

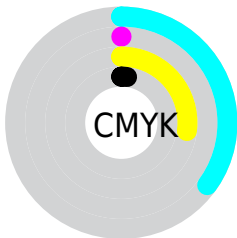
Distribution



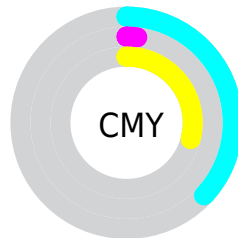
- Red (63%)
- Green (98%)
- Blue (71%)



- Red (63%)
- Yellow (91%)
- Blue (98%)



- Cyan (35%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)





- Cyan (37%)
- Magenta (2%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 47.004, 148.615 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, 47.004, 148.615 by changing the saturation by 10% instead.


 91, 47.004,
148.615


 91, 47.004,
148.615


 100, 47.004,
148.615


 81, 47.004,
148.615

 71, 47.004,
148.615

 61, 47.004,
148.615

 51, 47.004,
148.615

 41, 47.004,
148.615

 31, 47.004,
148.615

 21, 47.004,

148.615

■ 11, 47.004,
148.615

■ 1, 47.004, 148.615

■ 91, 47.004,
148.615

■ 91, 47.004,
148.615

■ 90, 59.744,
147.481

■ 93, 33.835,
149.596

■ 88, 71.777,
146.179

■ 95, 20.472,
150.445

■ 87, 82.815,
144.704

■ 97, 7.112, 151.206

■ 87, 92.576,
143.074

■ 98, 3.882, 324.497

■ 86, 100.814,
141.338

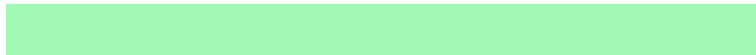
■ 86, 107.346,
139.590

■ 86, 109.815,
138.849

Harmonies

Complementary

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



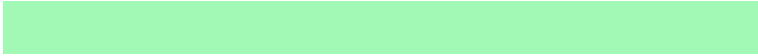
91, 47.004, 148.615



77, 47.259, 333.900

Rectangle

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



91, 47.004, 148.615



91, 47.004, 198.615



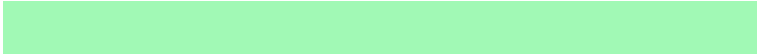
91, 47.004, 328.615



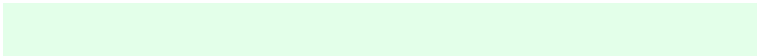
91, 47.004, 18.615

Sweetspot

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



91, 47.006, 148.615



98, 14.917, 150.782



95, 44.840, 116.265



52, 10.030, 150.679



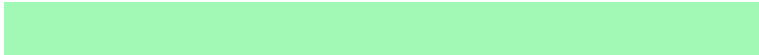
0, 0.000, 0.000



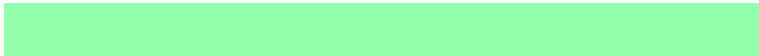
53, 0.007, 296.813

Same Dimension

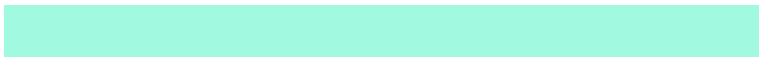
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 47.006, 148.615



92, 56.635, 147.875



92, 32.022, 173.533



51, 7.576, 150.896



67, 88.592, 139.151



22, 37.611, 141.892

Inverse Universe

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



77, 47.259, 333.900



75, 56.849, 334.400



75, 35.871, 1.313



49, 7.604, 332.084



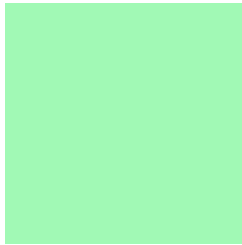
43, 77.331, 339.891



11, 35.731, 338.097

Previews

White Background



This preview shows how the CIE LCh color 91, 47.004, 148.615 looks on a white background.

Color Contrast Check

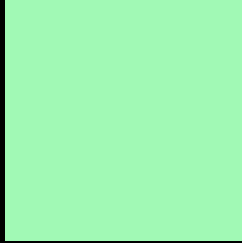
Large Text (above 18pt) WCAG AA × Fail

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, 47.004, 148.615 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, 47.004, 148.615

Background



This preview shows how black text looks on a background with the CIELCh color 91, 47.004, 148.615.

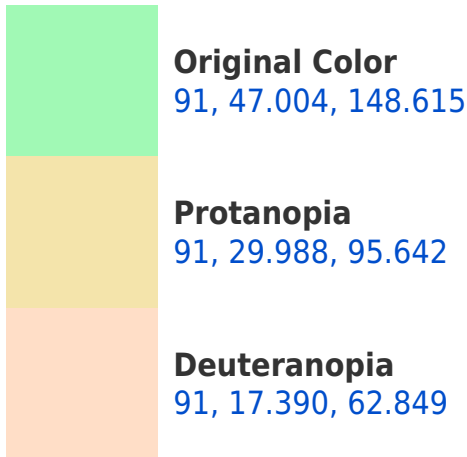


This preview shows how white text looks on a background with the CIELCh color 91, 47.004, 148.615.

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



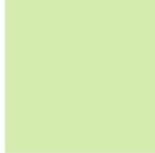


Tritanopia
91, 19.417, 225.587

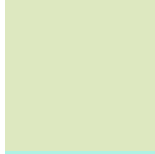
Trichromacy



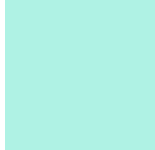
Original Color
91, 47.004, 148.615



Protanomaly
90, 32.366, 122.681



Deuteranomaly
90, 21.032, 119.822

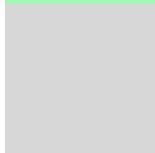


Tritanomaly
91, 23.738, 179.975

Monochromacy



Original Color
91, 47.004, 148.615



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 17.133, 151.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 47.004, 148.615 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, 249, 181)` looks like.

```
.text, #text, p{  
    color:rgb(161, 249, 181)  
}
```

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, 249, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 249, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 47.004, 148.615 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, 249, 181) }
```

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

```
.border{ border-color:rgb(161, 249, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 249, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 249, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 249, 181);  
box-shadow:4px 4px 4px 4px rgb(161, 249,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 47.004, 148.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 249, 181) }
```

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

```
.background{ background-color: rgb(161,  
249, 181) }
```

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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