

Converting Colors

CIELCh(91, 48.623, 141.820)

Have a look what the booklet for
CIELCh(91, 48.623, 141.820)
contains.

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Color

CIELCh(91, 48.873, 141.894)

Conversions

Conversions Part 1

Format	Color
Hex	ABF8AA
RGB	171, 248, 170
RGB Percent	67%, 97%, 67%
CMY	0.3305, 0.0285, 0.3344
CMYK	0.31, 0.00, 0.31, 0.03
HSL	119°, 84%, 82%
HSV	119°, 31%, 97%
XYZ	57.4486, 78.4833, 50.0215
YIQ	216.0850, -20.8540, -40.5820

Conversions

Conversions Part 2

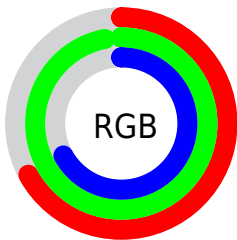
Format	Color
RYB	170, 248, 247
Decimal	11270314
CIELab	91.00, -38.46, 30.16
CIELCh	91, 48.873, 141.894
Yxy	78.4833, 0.3089, 0.4221
Android (android.graphics.Color)	4289460394 (0xFFABF8AA)
YUV	216.0850, -22.7199, -39.5395
Hunter-Lab	88.5908, -39.2817, 28.5364

Details

The CIELCh color **91, 48.873, 141.894** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **79, 48.890, 325.791**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.708, 141.968**, and **71, 48.875, 141.848** is the 20% darker color. If you saturate the color by 10%, you get **89, 63.898, 140.947**, and if you desaturate by 10%, it is **93, 33.399, 142.723**.

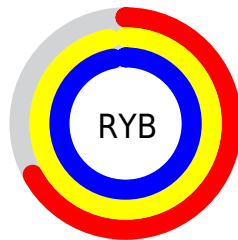
Distribution



Red (67%)

Green (97%)

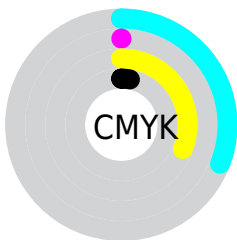
Blue (67%)



Red (67%)

Yellow (97%)

Blue (97%)

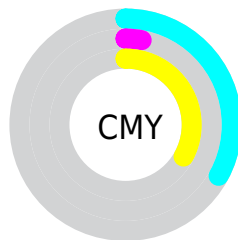


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (3%)



Cyan (33%)

Magenta (3%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 48.873, 141.894 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, 48.873, 141.894 by changing the saturation by 10% instead.

 91, 48.873,
141.894


 91, 48.873,
141.894


 100, 48.873,
141.894


 81, 48.873,
141.894


 71, 48.873,
141.894

 61, 48.873,
141.894


 51, 48.873,
141.894

 41, 48.873,
141.894


 31, 48.873,
141.894


 21, 48.873,


141.894


 11, 48.873,
141.894


 1, 48.873, 141.894


 91, 48.873,
141.894


 91, 48.873,
141.894

 89, 63.898,
140.947


 93, 33.399,
142.723

 88, 78.064,
139.895

 95, 17.786,
143.439

 87, 90.865,
138.786

 97, 2.268, 144.156

 86, 101.700,
137.712

 98, 4.529, 324.531

■ 86, 109.923,
136.811

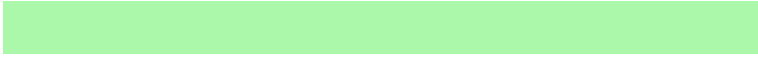
■ 86, 115.032,
136.226

■ 85, 117.121,
135.979

Harmonies

Complementary

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



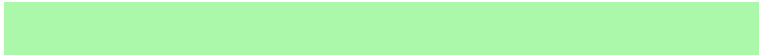
91, 48.873, 141.894



79, 48.890, 325.791

Rectangle

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



91, 48.873, 141.894



91, 48.873, 191.894



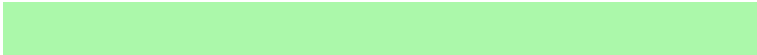
91, 48.873, 321.894



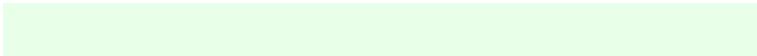
91, 48.873, 11.894

Sweetspot

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



91, 48.875, 141.894



98, 14.251, 143.602



96, 38.697, 106.396



52, 9.913, 143.506



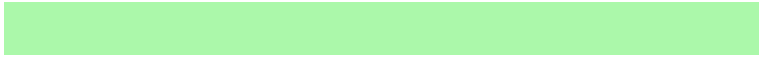
0, 0.000, 0.000



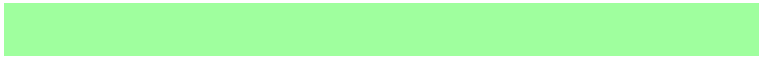
53, 0.007, 296.813

Same Dimension

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



91, 48.875, 141.894



92, 60.135, 141.284



92, 34.240, 159.813



51, 8.858, 143.570



67, 95.447, 135.965



21, 42.368, 136.876

Inverse Universe

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



79, 48.890, 325.791



78, 60.091, 326.124



78, 35.483, 345.694



49, 8.873, 324.600



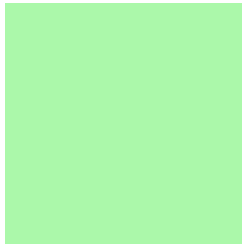
44, 92.205, 327.729



11, 41.715, 327.793

Previews

White Background



This preview shows how the CIELCh color 91, 48.873, 141.894 looks on a white background.

Color Contrast Check

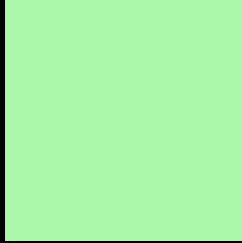
Large Text (above 18pt) WCAG AA × Fail

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, 48.873, 141.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

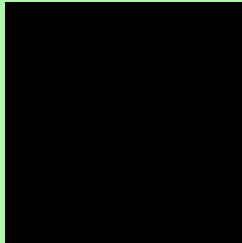
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 48.873, 141.894

Background



This preview shows how black text looks on a background with the CIELCh color 91, 48.873, 141.894.

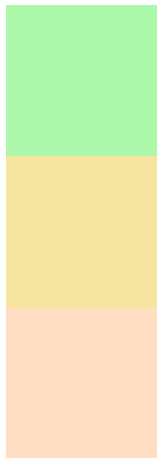


This preview shows how white text looks on a background with the CIELCh color 91, 48.873, 141.894.

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, 48.873, 141.894

Protanopia
91, 35.127, 95.548

Deuteranopia
91, 18.541, 66.089

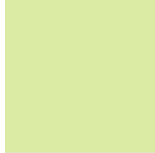


Tritanopia
91, 18.080, 229.807

Trichromacy



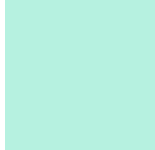
Original Color
91, 48.873, 141.894



Protanomaly
90, 36.764, 116.975



Deuteranomaly
90, 23.321, 114.829

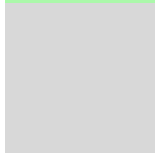


Tritanomaly
91, 22.126, 174.420

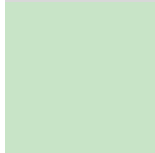
Monochromacy



Original Color
91, 48.873, 141.894



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 18.304, 142.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 48.873, 141.894 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(171, 248, 170)` looks like.

```
.text, #text, p{  
    color:rgb(171, 248, 170)  
}
```

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(171, 248, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 248, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 48.873, 141.894 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(171, 248, 170) }
```

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

```
.border{ border-color:rgb(171, 248, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 248, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 248, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 248, 170);  
box-shadow:4px 4px 4px 4px rgb(171, 248,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 48.873, 141.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 248, 170) }
```

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

```
.background{ background-color: rgb(171,  
248, 170) }
```

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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