

Converting Colors

CIELCh(91, 43.617, 151.881)

Have a look what the booklet for
CIELCh(91, 43.617, 151.881)
contains.

CIELCh(91, 43.660, 151.699)	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, 43.660, 151.699)

Conversions

Conversions Part 1

Format	Color
Hex	A1F8BC
RGB	161, 248, 188
RGB Percent	63%, 97%, 74%
CMY	0.3679, 0.0267, 0.2620
CMYK	0.35, 0.00, 0.24, 0.03
HSL	139°, 86%, 80%
HSV	139°, 35%, 97%
XYZ	57.4549, 78.4833, 59.7970
YIQ	215.1470, -32.5920, -37.1040

Conversions

Conversions Part 2

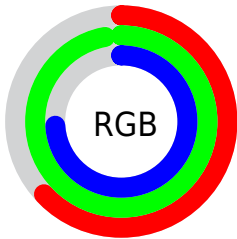
Format	Color
RYB	161, 227, 248
Decimal	10614972
CIELab	91.00, -38.44, 20.70
CIELCh	91, 43.660, 151.699
Yxy	78.4833, 0.2935, 0.4010
Android (android.graphics.Color)	4288805052 (0xFFA1F8BC)
YUV	215.1470, -13.3835, -47.4869
Hunter-Lab	88.5908, -39.2690, 21.9940

Details

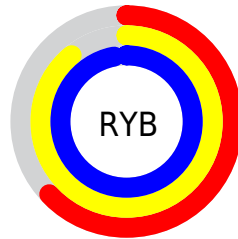
The CIELCh color **91, 43.660, 151.699** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 44.203, 337.349**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.983, 174.814**, and **71, 43.373, 151.904** is the 20% darker color. If you saturate the color by 10%, you get **90, 55.581, 150.527**, and if you desaturate by 10%, it is **93, 31.336, 152.716**.

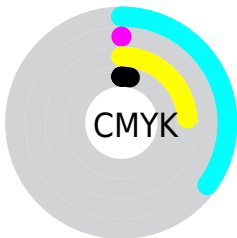
Distribution



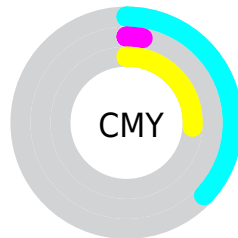
- Red (63%)
- Green (97%)
- Blue (74%)



- Red (63%)
- Yellow (89%)
- Blue (97%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)





- Cyan (37%)
- Magenta (3%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 43.660, 151.699 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, 43.660, 151.699 by changing the saturation by 10% instead.


 91, 43.660,
151.699


 91, 43.660,
151.699

 100, 43.660,
151.699


 81, 43.660,
151.699

 71, 43.660,
151.699

 61, 43.660,
151.699

 51, 43.660,
151.699

 41, 43.660,
151.699

 31, 43.660,
151.699

 21, 43.660,

151.699

■ 11, 43.660,
151.699

■ 1, 43.660, 151.699

■ 91, 43.660,
151.699

■ 91, 43.660,
151.699

■ 90, 55.581,
150.527

■ 93, 31.336,
152.716

■ 88, 66.857,
149.181

■ 94, 18.819,
153.605

■ 88, 77.248,
147.645

■ 97, 6.288, 154.416

■ 87, 86.537,
145.918

■ 98, 4.239, 324.517

■ 86, 94.557,
144.025

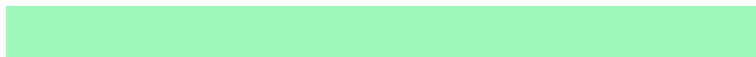
■ 86, 101.222,
142.030

■ 86, 104.070,
141.072

Harmonies

Complementary

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



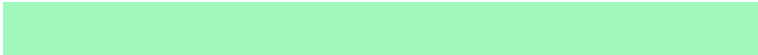
91, 43.660, 151.699



77, 44.203, 337.349

Rectangle

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



91, 43.660, 151.699



91, 43.660, 201.699



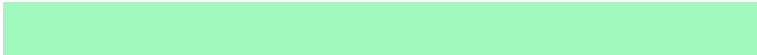
91, 43.660, 331.699



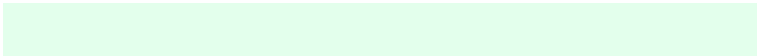
91, 43.660, 21.699

Sweetspot

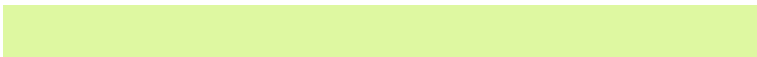
The Sweet Spot groups the original color and five complimentary colors.



91, 43.662, 151.699



98, 14.032, 153.936



94, 44.959, 119.751



52, 9.434, 153.826



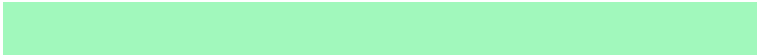
0, 0.000, 0.000



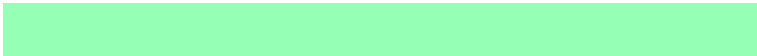
53, 0.007, 296.813

Same Dimension

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



91, 43.662, 151.699



92, 53.144, 150.896



92, 29.943, 179.905



51, 7.128, 154.057



67, 84.012, 141.431



22, 35.466, 144.507

Inverse Universe

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



77, 44.203, 337.349



75, 53.785, 337.967



75, 34.771, 7.420



49, 7.167, 335.331



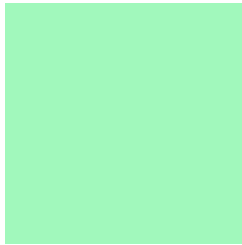
42, 73.116, 345.683



10, 33.931, 342.841

Previews

White Background



This preview shows how the CIE LCh color 91, 43.660, 151.699 looks on a white background.

Color Contrast Check

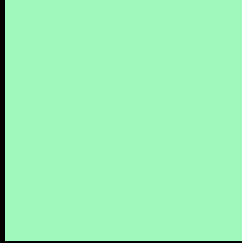
Large Text (above 18pt) WCAG AA × Fail

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, 43.660, 151.699 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, 43.660, 151.699

Background



This preview shows how black text looks on a background with the CIELCh color 91, 43.660, 151.699.

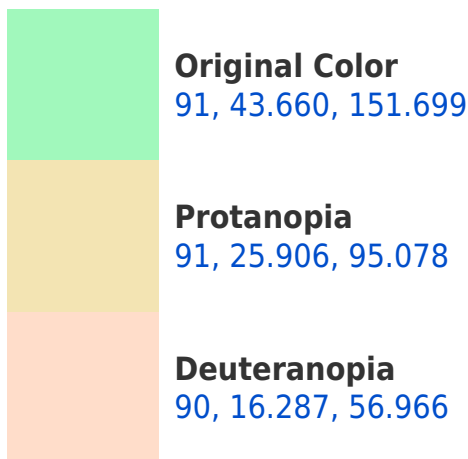


This preview shows how white text looks on a background with the CIELCh color 91, 43.660, 151.699.

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



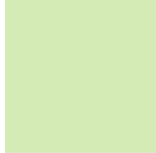


Tritanopia
91, 19.677, 225.187

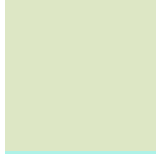
Trichromacy



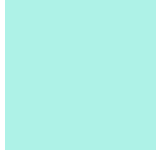
Original Color
91, 43.660, 151.699



Protanomaly
90, 28.492, 124.930

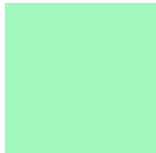


Deuteranomaly
90, 17.954, 120.727

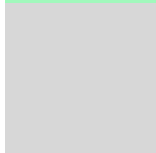


Tritanomaly
91, 23.441, 183.726

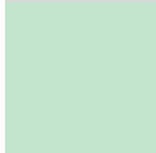
Monochromacy



Original Color
91, 43.660, 151.699



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 16.356, 153.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 43.660, 151.699 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, 248, 188)` looks like.

```
.text, #text, p{  
    color:rgb(161, 248, 188)  
}
```

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, 248, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 248, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 43.660, 151.699 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, 248, 188) }
```

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

```
.border{ border-color:rgb(161, 248, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 248, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 248, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 248, 188);  
box-shadow:4px 4px 4px 4px rgb(161, 248,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 43.660, 151.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 248, 188) }
```

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

```
.background{ background-color: rgb(161,  
248, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor