

Converting Colors

CIELCh(91, 55.669, 141.627)

Have a look what the booklet for
CIELCh(91, 55.669, 141.627)
contains.

CIELCh(91, 55.574, 141.550)	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, 55.574, 141.550)

Conversions

Conversions Part 1

Format	Color
Hex	A2FAA1
RGB	162, 250, 161
RGB Percent	64%, 98%, 63%
CMY	0.3654, 0.0203, 0.3693
CMYK	0.35, 0.00, 0.36, 0.02
HSL	119°, 90%, 81%
HSV	119°, 36%, 98%
XYZ	55.4080, 78.4833, 45.8662
YIQ	213.5420, -23.8790, -46.3350

Conversions

Conversions Part 2

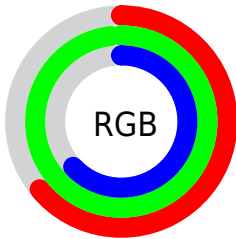
Format	Color
RYB	161, 250, 249
Decimal	10680993
CIELab	91.00, -43.52, 34.56
CIELCh	91, 55.574, 141.550
Yxy	78.4833, 0.3082, 0.4366
Android (android.graphics.Color)	4288871073 (0xFFA2FAA1)
YUV	213.5420, -25.9032, -45.2023
Hunter-Lab	88.5908, -43.3935, 31.3173

Details

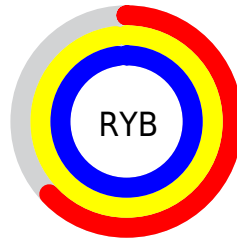
The CIELCh color **91, 55.574, 141.550** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **78, 55.554, 326.049**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 23.800, 141.509**, and **71, 55.853, 141.501** is the 20% darker color. If you saturate the color by 10%, you get **90, 70.402, 140.553**, and if you desaturate by 10%, it is **93, 40.133, 142.432**.

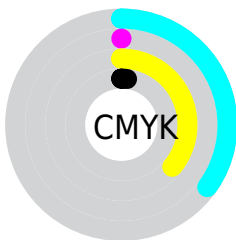
Distribution



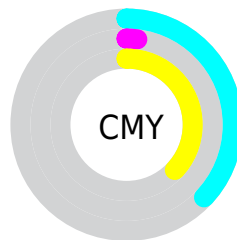
- Red (64%)
- Green (98%)
- Blue (63%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (36%)
- Black (2%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 55.574, 141.550 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, 55.574, 141.550 by changing the saturation by 10% instead.


 91, 55.574,
141.550


 91, 55.574,
141.550


 100, 55.574,
141.550


 81, 55.574,
141.550


 71, 55.574,
141.550

 61, 55.574,
141.550


 51, 55.574,
141.550

 41, 55.574,
141.550


 31, 55.574,
141.550


 21, 55.574,


141.550


 11, 55.574,
141.550

 1, 55.574, 141.550


 91, 55.574,
141.550


 91, 55.574,
141.550

 90, 70.402,
140.553


 93, 40.133,
142.432

 88, 84.162,
139.465

 95, 24.430,
143.195

 87, 96.303,
138.351

 97, 8.734, 143.863

 87, 106.186,
137.324

 99, 3.228, 324.459

■ 86, 113.189,
136.533

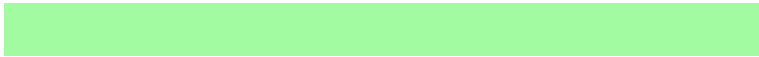
■ 86, 116.972,
136.101

■ 86, 117.877,
135.984

Harmonies

Complementary

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



91, 55.574, 141.550



78, 55.554, 326.049

Rectangle

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



91, 55.574, 141.550



91, 55.574, 191.550



91, 55.574, 321.550



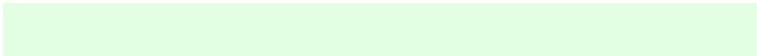
91, 55.574, 11.550

Sweetspot

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



91, 55.576, 141.550



97, 17.450, 143.511



96, 43.937, 105.990



52, 11.734, 143.420



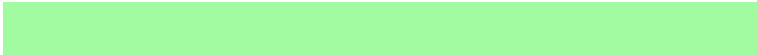
0, 0.000, 0.000



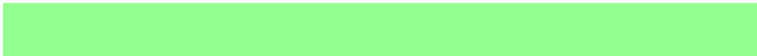
53, 0.007, 296.813

Same Dimension

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



91, 55.576, 141.550



92, 67.713, 140.820



92, 38.850, 159.333



51, 8.862, 143.611



67, 95.455, 135.971



21, 42.382, 136.899

Inverse Universe

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



78, 55.554, 326.049



75, 67.571, 326.412



76, 40.422, 346.172



49, 8.877, 324.643



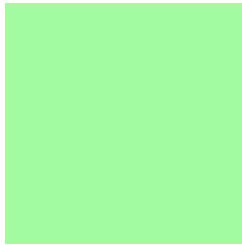
44, 92.199, 327.792



11, 41.712, 327.847

Previews

White Background



This preview shows how the CIE LCh color 91, 55.574, 141.550 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, 55.574, 141.550 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, 55.574, 141.550

Background



This preview shows how black text looks on a background with the CIELCh color 91, 55.574, 141.550.

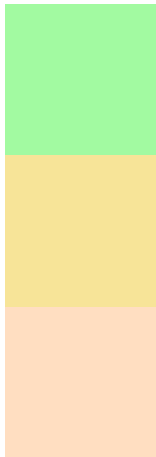


This preview shows how white text looks on a background with the CIELCh color 91, 55.574, 141.550.

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, 55.574, 141.550

Protanopia
91, 39.644, 95.824

Deuteranopia
90, 19.747, 68.925

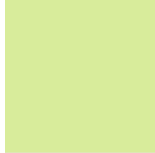


Tritanopia
91, 19.102, 227.914

Trichromacy



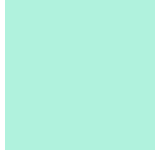
Original Color
91, 55.574, 141.550



Protanomaly
90, 41.912, 117.611



Deuteranomaly
90, 26.556, 117.127

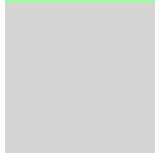


Tritanomaly
91, 25.137, 172.029

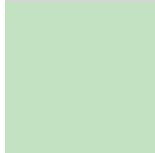
Monochromacy



Original Color
91, 55.574, 141.550



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 20.476, 143.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 55.574, 141.550 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(162, 250, 161)` looks like.

```
.text, #text, p{  
    color:rgb(162, 250, 161)  
}
```

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(162, 250, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 250, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 55.574, 141.550 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(162, 250, 161) }
```

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

```
.border{ border-color:rgb(162, 250, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 250, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 250, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 250, 161);  
box-shadow:4px 4px 4px 4px rgb(162, 250,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 55.574, 141.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 250, 161) }
```

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

```
.background{ background-color: rgb(162,  
250, 161) }
```

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