

Converting Colors

CIELCh(94, 61.553, 154.214)

Have a look what the booklet for
CIELCh(94, 61.553, 154.214)
contains.

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Color

CIELCh(91, 56.621, 155.875)

Conversions

Conversions Part 1

Format	Color
Hex	7CFEB7
RGB	124, 254, 183
RGB Percent	49%, 100%, 72%
CMY	0.5143, 0.0045, 0.2826
CMYK	0.51, 0.00, 0.28, 0.00
HSL	147°, 98%, 74%
HSV	147°, 51%, 100%
XYZ	52.2264, 78.4833, 57.1607
YIQ	207.0360, -54.6890, -49.6410

Conversions

Conversions Part 2

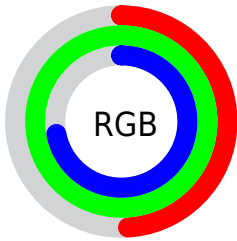
Format	Color
RYB	124, 213, 254
Decimal	8191671
CIELab	91.00, -51.68, 23.14
CIELCh	91, 56.621, 155.875
Yxy	78.4833, 0.2780, 0.4178
Android (android.graphics.Color)	4286381751 (0xFF7CFEB7)
YUV	207.0360, -11.8497, -72.8226
Hunter-Lab	88.5908, -49.8039, 23.7584

Details

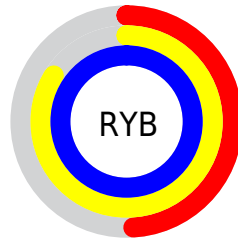
The CIELCh color **91, 56.621, 155.875** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **69, 58.917, 346.535**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.426, 178.879**, and **71, 56.253, 156.018** is the 20% darker color. If you saturate the color by 10%, you get **90, 66.176, 154.338**, and if you desaturate by 10%, it is **92, 46.311, 157.222**.

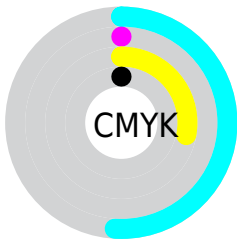
Distribution



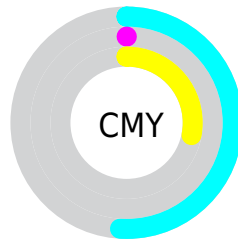
- Red (49%)
- Green (100%)
- Blue (72%)



- Red (49%)
- Yellow (84%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (51%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 56.621, 155.875 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, 56.621, 155.875 by changing the saturation by 10% instead.


 91, 56.621,
155.875


 91, 56.621,
155.875


 100, 56.621,
155.875


 81, 56.621,
155.875

 71, 56.621,
155.875

 61, 56.621,
155.875


 51, 56.621,
155.875

 41, 56.621,
155.875


 31, 56.621,
155.875


 21, 56.621,


155.875


 11, 56.621,
155.875

 1, 56.621, 155.875


 91, 56.621,
155.875

 91, 56.621,
155.875

 90, 66.176,
154.338

 92, 46.311,
157.222


 89, 74.800,
152.594

 94, 35.442,
158.407

 89, 82.377,
150.635

 95, 24.214,
159.454

 88, 88.879,
148.477

 97, 12.809,
160.394

■ 88, 93.821,
146.495

■ 99, 1.379, 161.522
100, 0.715,
324.034

Harmonies

Complementary

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



91, 56.621, 155.875



69, 58.917, 346.535

Rectangle

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



91, 56.621, 155.875



91, 56.621, 205.875



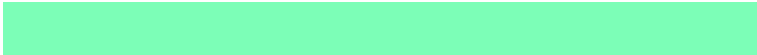
91, 56.621, 335.875



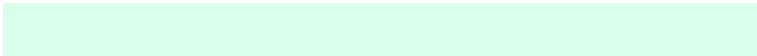
91, 56.621, 25.875

Sweetspot

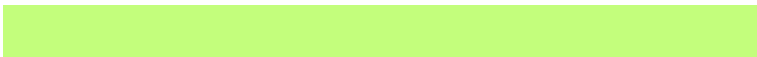
The Sweet Spot groups the original color and five complimentary colors.



91, 56.622, 155.875



97, 17.196, 160.048



93, 67.905, 124.872



51, 11.731, 159.850



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, 56.622, 155.875



90, 66.215, 154.372



92, 38.277, 191.955



52, 6.513, 160.549



68, 75.149, 146.914



23, 32.350, 150.116

Inverse Universe

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



69, 58.917, 346.535



65, 68.597, 348.061



67, 53.913, 21.915



50, 6.583, 342.005



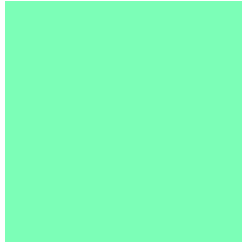
41, 68.953, 357.849



11, 32.371, 352.968

Previews

White Background



This preview shows how the CIE LCh color 91, 56.621, 155.875 looks on a white background.

Color Contrast Check

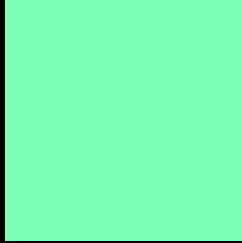
Large Text (above 18pt) WCAG AA × Fail

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, 56.621, 155.875 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

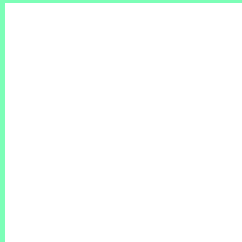
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 56.621, 155.875

Background



This preview shows how black text looks on a background with the CIELCh color 91, 56.621, 155.875.

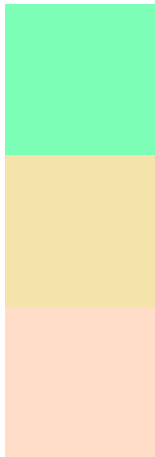


This preview shows how white text looks on a background with the CIELCh color 91, 56.621, 155.875.

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, 56.643, 155.848

Protanopia
90, 29.604, 94.729

Deuteranopia
90, 16.974, 59.586



Tritanopia
91, 23.024, 218.016

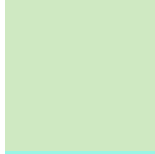
Trichromacy



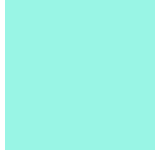
Original Color
91, 56.643, 155.848



Protanomaly
90, 34.794, 131.191



Deuteranomaly
90, 22.387, 133.935

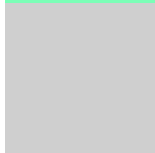


Tritanomaly
91, 30.994, 181.778

Monochromacy



Original Color
91, 56.643, 155.848



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 21.764, 159.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 56.621, 155.875 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(124, 254, 183)` looks like.

```
.text, #text, p{  
    color:rgb(124, 254, 183)  
}
```

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(124, 254, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 254, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 56.621, 155.875 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(124, 254, 183) }
```

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

```
.border{ border-color:rgb(124, 254, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 254, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 254, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 254, 183);  
box-shadow:4px 4px 4px 4px rgb(124, 254,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 56.621, 155.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 254, 183) }
```

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

```
.background{ background-color: rgb(124,  
254, 183) }
```

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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