

Converting Colors

CIELCh(91, 58.871, 153.115)

Have a look what the booklet for
CIELCh(91, 58.871, 153.115)
contains.

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Color

CIELCh(91, 58.896, 153.089)

Conversions

Conversions Part 1

Format	Color
Hex	7EFEB0
RGB	126, 254, 176
RGB Percent	49%, 100%, 69%
CMY	0.5057, 0.0037, 0.3097
CMYK	0.50, 0.00, 0.31, 0.00
HSL	143°, 99%, 75%
HSV	143°, 50%, 100%
XYZ	51.9047, 78.4833, 53.5065
YIQ	206.8360, -51.2500, -51.3940

Conversions

Conversions Part 2

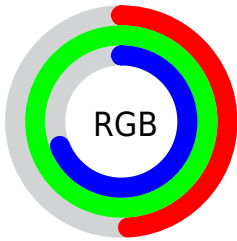
Format	Color
RYB	126, 218, 254
Decimal	8322736
CIELab	91.00, -52.52, 26.66
CIELCh	91, 58.896, 153.089
Yxy	78.4833, 0.2823, 0.4268
Android (android.graphics.Color)	4286512816 (0xFF7EFEB0)
YUV	206.8360, -15.2021, -70.8932
Hunter-Lab	88.5908, -50.4522, 26.2040

Details

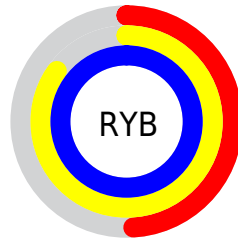
The CIELCh color **91, 58.896, 153.089** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **70, 60.287, 342.830**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 26.582, 171.299**, and **71, 58.730, 153.227** is the 20% darker color. If you saturate the color by 10%, you get **90, 69.166, 151.595**, and if you desaturate by 10%, it is **92, 47.877, 154.394**.

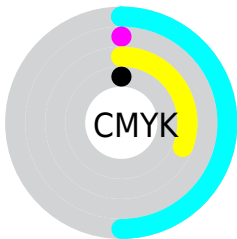
Distribution



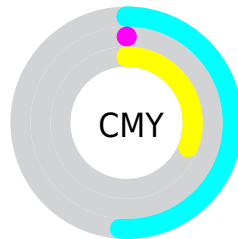
- Red (49%)
- Green (100%)
- Blue (69%)



- Red (49%)
- Yellow (85%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 58.896, 153.089 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, 58.896, 153.089 by changing the saturation by 10% instead.

■ 91, 58.896,
153.089

■ 91, 58.896,
153.089

■ 100, 58.896,
153.089

■ 81, 58.896,
153.089

■ 71, 58.896,
153.089

■ 61, 58.896,
153.089


■ 51, 58.896,
153.089

■ 41, 58.896,
153.089


■ 31, 58.896,
153.089


■ 21, 58.896,


153.089


 11, 58.896,
153.089


 1, 58.896, 153.089


 91, 58.896,
153.089


 91, 58.896,
153.089


 90, 69.166,
151.595


 92, 47.877,
154.394

 89, 78.483,
149.897

 94, 36.323,
155.535

 89, 86.701,
147.992

 95, 24.448,
156.535

 88, 93.750,
145.907

 97, 12.439,
157.428

■ 88, 99.512,
143.825

■ 100, 0.451,
159.144

■ 100, 0.603,
323.949

Harmonies

Complementary

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



91, 58.896, 153.089



70, 60.287, 342.830

Rectangle

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



91, 58.896, 153.089



91, 58.896, 203.089



91, 58.896, 333.089



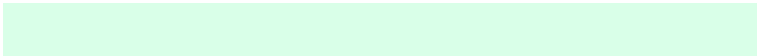
91, 58.896, 23.089

Sweetspot

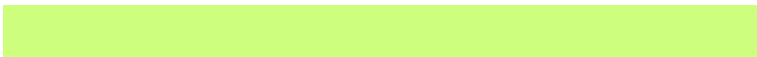
The Sweet Spot groups the original color and five complimentary colors.



91, 58.897, 153.089



97, 18.042, 157.026



94, 65.832, 122.345



51, 12.312, 156.837



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, 58.897, 153.089



90, 68.995, 151.654



92, 39.282, 185.536



52, 6.828, 157.503



68, 79.666, 144.227



23, 34.260, 147.341

Inverse Universe

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



70, 60.287, 342.830



66, 70.125, 344.086



68, 52.230, 16.756



50, 6.883, 338.877



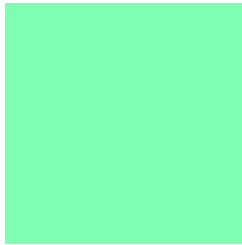
42, 70.660, 352.170



11, 33.303, 348.292

Previews

White Background



This preview shows how the CIE LCh color 91, 58.896, 153.089 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, 58.896, 153.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

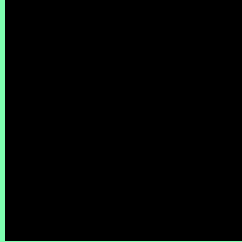
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 58.896, 153.089

Background



This preview shows how black text looks on a background with the CIELCh color 91, 58.896, 153.089.

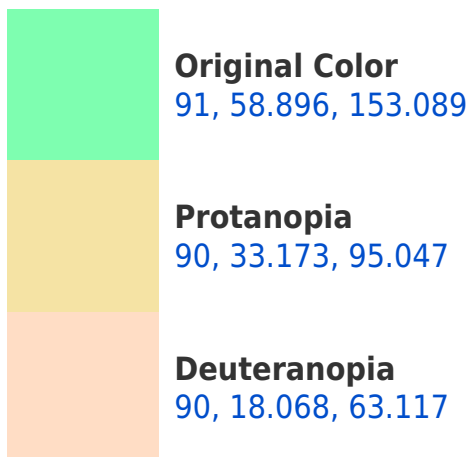



This preview shows how white text looks on a background with the CIELCh color 91, 58.896, 153.089.

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, 22.765, 218.266

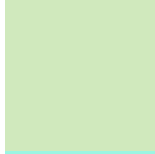
Trichromacy



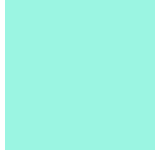
Original Color
91, 58.896, 153.089



Protanomaly
90, 37.780, 127.965



Deuteranomaly
90, 24.591, 130.582

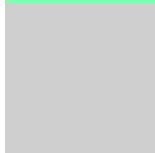


Tritanomaly
91, 31.127, 178.840

Monochromacy



Original Color
91, 58.896, 153.089



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 22.226, 156.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 58.896, 153.089 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(126, 254, 176)` looks like.

```
.text, #text, p{  
    color:rgb(126, 254, 176)  
}
```

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(126, 254, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 254, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 58.896, 153.089 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(126, 254, 176) }
```

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

```
.border{ border-color:rgb(126, 254, 176) }
```

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

Here you see how a box with a 4 pixel rgb(126, 254, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 254, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 254, 176);  
box-shadow:4px 4px 4px 4px rgb(126, 254,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 58.896, 153.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 254, 176) }
```

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

```
.background{ background-color: rgb(126,  
254, 176) }
```

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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