

Converting Colors

CIELCh(91, 59.409, 154.004)

Have a look what the booklet for
CIELCh(91, 59.409, 154.004)
contains.

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Color

CIELCh(91, 59.265, 154.013)

Conversions

Conversions Part 1

Format	Color
Hex	7AFEB1
RGB	122, 254, 177
RGB Percent	48%, 100%, 69%
CMY	0.5200, 0.0024, 0.3045
CMYK	0.52, 0.00, 0.30, 0.00
HSL	145°, 99%, 74%
HSV	145°, 52%, 100%
XYZ	51.6176, 78.4833, 54.2100
YIQ	205.7540, -53.9550, -51.9310

Conversions

Conversions Part 2

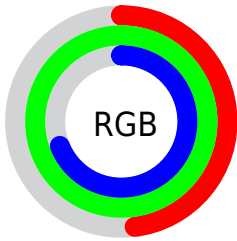
Format	Color
RYB	122, 215, 254
Decimal	8060593
CIELab	91.00, -53.27, 25.97
CIELCh	91, 59.265, 154.013
Yxy	78.4833, 0.2801, 0.4258
Android (android.graphics.Color)	4286250673 (0xFF7AFEB1)
YUV	205.7540, -14.1757, -73.4523
Hunter-Lab	88.5908, -51.0305, 25.7332

Details

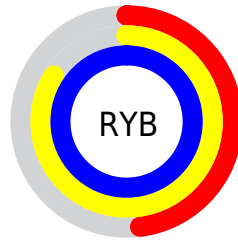
The CIELCh color **91, 59.265, 154.013** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **69, 61.010, 344.438**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.142, 173.027**, and **71, 59.002, 154.082** is the 20% darker color. If you saturate the color by 10%, you get **90, 69.161, 152.477**, and if you desaturate by 10%, it is **92, 48.594, 155.357**.

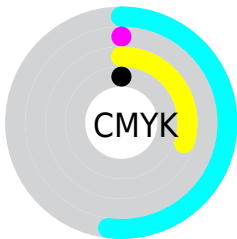
Distribution



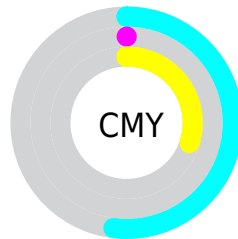
- Red (48%)
- Green (100%)
- Blue (69%)



- Red (48%)
- Yellow (84%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 59.265, 154.013 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, 59.265, 154.013 by changing the saturation by 10% instead.


 91, 59.265,
154.013


 91, 59.265,
154.013


 100, 59.265,
154.013


 81, 59.265,
154.013


 71, 59.265,
154.013

 61, 59.265,
154.013


 51, 59.265,
154.013

 41, 59.265,
154.013


 31, 59.265,
154.013


 21, 59.265,


154.013


 11, 59.265,
154.013


 1, 59.265, 154.013


 91, 59.265,
154.013


 91, 59.265,
154.013


 90, 69.161,
152.477

 92, 48.594,
155.357


 89, 78.094,
150.734

 94, 37.355,
156.534

 89, 85.940,
148.781

 95, 25.757,
157.568

 88, 92.658,
146.643

 97, 13.987,
158.490

■ 88, 97.380,
144.851

■ 99, 2.204, 159.469
100, 0.389,
323.658

Harmonies

Complementary

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



91, 59.265, 154.013



69, 61.010, 344.438

Rectangle

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



91, 59.265, 154.013



91, 59.265, 204.013



91, 59.265, 334.013



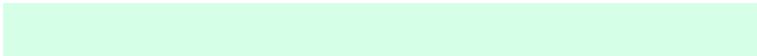
91, 59.265, 24.013

Sweetspot

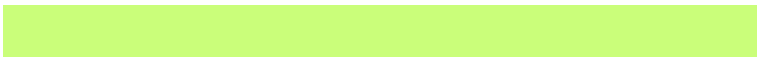
The Sweet Spot groups the original color and five complimentary colors.



91, 59.266, 154.013



97, 18.876, 158.122



94, 67.975, 122.941



51, 12.744, 157.932



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, 59.266, 154.013



90, 69.401, 152.457



92, 39.791, 186.978



52, 6.699, 158.699



68, 77.872, 145.263



23, 33.494, 148.419

Inverse Universe

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



69, 61.010, 344.438



65, 70.897, 345.891



67, 54.128, 18.367



50, 6.759, 340.106



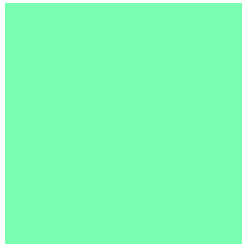
42, 69.875, 354.412



11, 32.896, 350.134

Previews

White Background



This preview shows how the CIE LCh color 91, 59.265, 154.013 looks on a white background.

Color Contrast Check

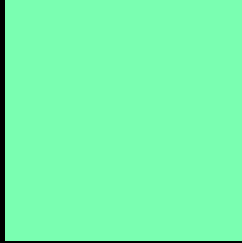
Large Text (above 18pt) WCAG AA × Fail

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, 59.265, 154.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

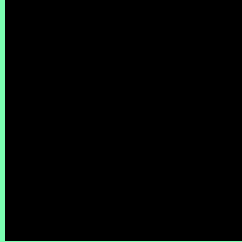
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 59.265, 154.013

Background



This preview shows how black text looks on a background with the CIELCh color 91, 59.265, 154.013.

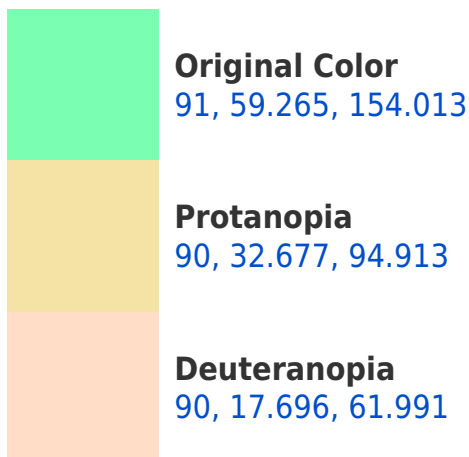


This preview shows how white text looks on a background with the CIELCh color 91, 59.265, 154.013.

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, 23.024, 218.016

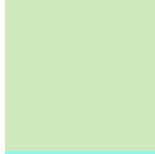
Trichromacy



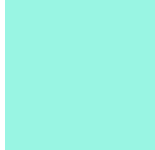
Original Color
91, 59.265, 154.013



Protanomaly
90, 37.597, 129.278



Deuteranomaly
90, 24.267, 131.831

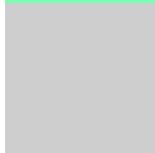


Tritanomaly
91, 31.423, 179.991

Monochromacy



Original Color
91, 59.265, 154.013



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 22.744, 157.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 59.265, 154.013 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(122, 254, 177)` looks like.

```
.text, #text, p{  
    color:rgb(122, 254, 177)  
}
```

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(122, 254, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 254, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 59.265, 154.013 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(122, 254, 177) }
```

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

```
.border{ border-color:rgb(122, 254, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 254, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 254, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 254, 177); box-shadow:4px 4px 4px 4px rgb(122, 254, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 59.265, 154.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 254, 177) }
```

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

```
.background{ background-color: rgb(122,  
254, 177) }
```

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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