

Converting Colors

CIELCh(91, 58.490, 154.730)

Have a look what the booklet for
CIELCh(91, 58.490, 154.730)
contains.

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Color

CIELCh(91, 58.512, 154.702)

Conversions

Conversions Part 1

Format	Color
Hex	7AFEB3
RGB	122, 254, 179
RGB Percent	48%, 100%, 70%
CMY	0.5204, 0.0028, 0.2970
CMYK	0.52, 0.00, 0.30, 0.00
HSL	146°, 99%, 74%
HSV	146°, 52%, 100%
XYZ	51.7591, 78.4833, 55.2053
YIQ	205.9820, -54.5970, -51.3090

Conversions

Conversions Part 2

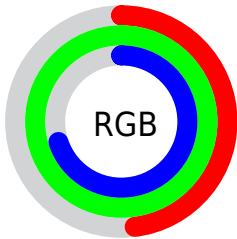
Format	Color
RYB	122, 214, 254
Decimal	8060595
CIELab	91.00, -52.90, 25.00
CIELCh	91, 58.512, 154.702
Yxy	78.4833, 0.2791, 0.4232
Android (android.graphics.Color)	4286250675 (0xFF7AFEB3)
YUV	205.9820, -13.3021, -73.6522
Hunter-Lab	88.5908, -50.7454, 25.0670

Details

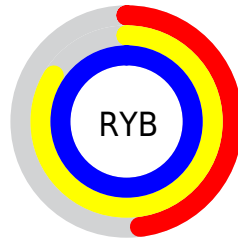
The CIELCh color **91, 58.512, 154.702** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **69, 60.480, 345.304**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 26.634, 174.971**, and **71, 58.216, 154.804** is the 20% darker color. If you saturate the color by 10%, you get **90, 68.251, 153.160**, and if you desaturate by 10%, it is **92, 48.001, 156.053**.

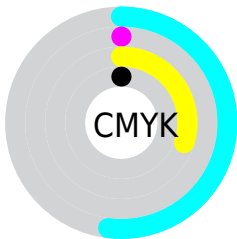
Distribution



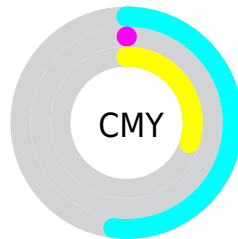
- Red (48%)
- Green (100%)
- Blue (70%)



- 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, 58.512, 154.702 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, 58.512, 154.702 by changing the saturation by 10% instead.


 91, 58.512,
154.702


 91, 58.512,
154.702


 100, 58.512,
154.702


 81, 58.512,
154.702

 71, 58.512,
154.702

 61, 58.512,
154.702


 51, 58.512,
154.702

 41, 58.512,
154.702


 31, 58.512,
154.702


 21, 58.512,


154.702


 11, 58.512,
154.702

 1, 58.512, 154.702


 91, 58.512,
154.702

 91, 58.512,
154.702


 90, 68.251,
153.160


 92, 48.001,
156.053


 89, 77.036,
151.409

 94, 36.920,
157.237

 89, 84.748,
149.446

 95, 25.475,
158.280

 88, 91.356,
147.294

 97, 13.851,
159.213

■ 88, 96.000,
145.490

■ 99, 2.206, 160.203
100, 0.455,
323.778

Harmonies

Complementary

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



91, 58.512, 154.702



69, 60.480, 345.304

Rectangle

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



91, 58.512, 154.702



91, 58.512, 204.702



91, 58.512, 334.702



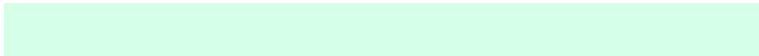
91, 58.512, 24.702

Sweetspot

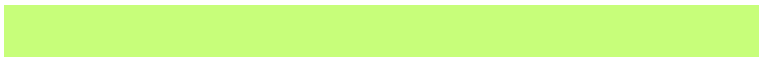
The Sweet Spot groups the original color and five complimentary colors.



91, 58.513, 154.702



97, 18.660, 158.842



94, 68.258, 123.585



51, 12.598, 158.650



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, 58.513, 154.702



90, 68.490, 153.143



92, 39.399, 188.591



52, 6.624, 159.426



68, 76.793, 145.905



23, 33.038, 149.082

Inverse Universe

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



69, 60.480, 345.304



64, 70.313, 346.813



67, 54.326, 19.618



50, 6.688, 340.852



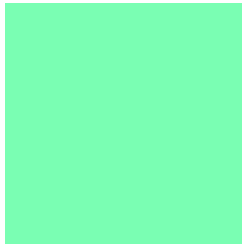
42, 69.472, 355.768



11, 32.675, 351.250

Previews

White Background



This preview shows how the CIE LCh color 91, 58.512, 154.702 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, 58.512, 154.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

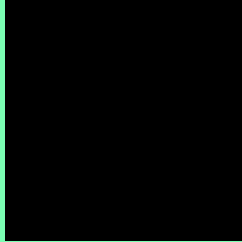
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 58.512, 154.702

Background



This preview shows how black text looks on a background with the CIELCh color 91, 58.512, 154.702.

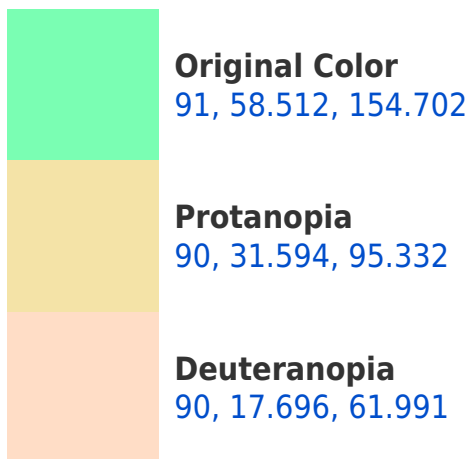



This preview shows how white text looks on a background with the CIELCh color 91, 58.512, 154.702.

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

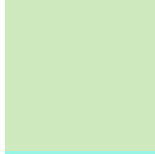
Trichromacy



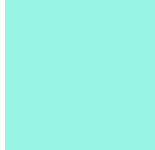
Original Color
91, 58.512, 154.702



Protanomaly
90, 36.661, 129.887



Deuteranomaly
90, 23.795, 132.328

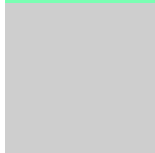


Tritanomaly
91, 31.423, 179.991

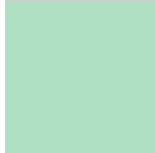
Monochromacy



Original Color
91, 58.512, 154.702



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, 58.512, 154.702 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(122, 254, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 254, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 58.512, 154.702 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, 179) }
```

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

```
.border{ border-color:rgb(122, 254, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 254, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 254, 179);  
box-shadow:4px 4px 4px 4px rgb(122, 254,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 58.512, 154.702 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, 179) }
```

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

```
.background{ background-color: rgb(122,  
254, 179) }
```

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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