

Converting Colors

CIELCh(91, 55.224, 158.038)

Have a look what the booklet for
CIELCh(91, 55.224, 158.038)
contains.

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Color

CIELCh(91, 55.186, 158.019)

Conversions

Conversions Part 1

Format	Color
Hex	7AFEBC
RGB	122, 254, 188
RGB Percent	48%, 100%, 74%
CMY	0.5225, 0.0048, 0.2636
CMYK	0.52, 0.00, 0.26, 0.00
HSL	150°, 98%, 74%
HSV	150°, 52%, 100%
XYZ	52.4183, 78.4833, 59.8445
YIQ	207.0080, -57.4860, -48.5100

Conversions

Conversions Part 2

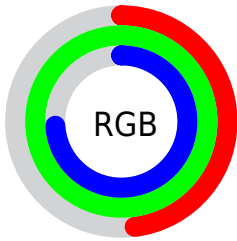
Format	Color
RYB	122, 210, 254
Decimal	8060604
CIELab	91.00, -51.17, 20.66
CIELCh	91, 55.186, 158.019
Yxy	78.4833, 0.2748, 0.4115
Android (android.graphics.Color)	4286250684 (0xFF7AFEB3)
YUV	207.0080, -9.3709, -74.5520
Hunter-Lab	88.5908, -49.4172, 21.9623

Details

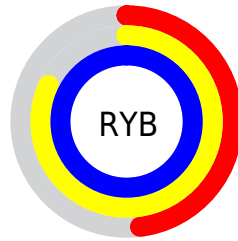
The CIELCh color **91, 55.186, 158.019** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **68, 58.302, 349.424**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.733, 184.587**, and **71, 54.722, 158.295** is the 20% darker color. If you saturate the color by 10%, you get **90, 64.205, 156.455**, and if you desaturate by 10%, it is **92, 45.397, 159.395**.

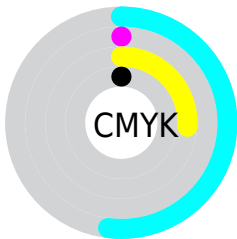
Distribution



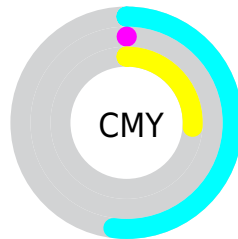
- Red (48%)
- Green (100%)
- Blue (74%)



- Red (48%)
- Yellow (82%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 55.186, 158.019 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, 55.186, 158.019 by changing the saturation by 10% instead.


 91, 55.186,
158.019


 91, 55.186,
158.019


 100, 55.186,
158.019


 81, 55.186,
158.019

 71, 55.186,
158.019

 61, 55.186,
158.019


 51, 55.186,
158.019

 41, 55.186,
158.019


 31, 55.186,
158.019


 21, 55.186,


158.019


 11, 55.186,
158.019


 1, 55.186, 158.019


 91, 55.186,
158.019


 91, 55.186,
158.019


 90, 64.205,
156.455


 92, 45.397,
159.395

 89, 72.294,
154.683

 94, 35.021,
160.610

 89, 79.359,
152.693

 95, 24.252,
161.691

 88, 85.397,
150.498

 97, 13.267,
162.666

■ 88, 89.607,
148.665

■ 99, 2.216, 163.711
100, 0.767,
324.065

Harmonies

Complementary

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



91, 55.186, 158.019



68, 58.302, 349.424

Rectangle

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



91, 55.186, 158.019



91, 55.186, 208.019



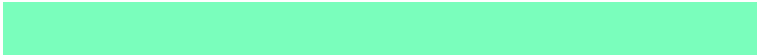
91, 55.186, 338.019



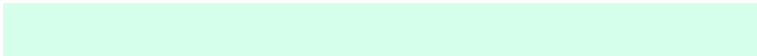
91, 55.186, 28.019

Sweetspot

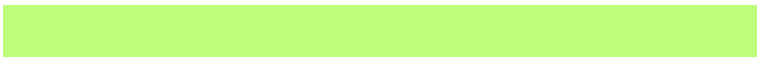
The Sweet Spot groups the original color and five complimentary colors.



91, 55.187, 158.018



97, 17.727, 162.287



93, 69.786, 126.663



51, 11.963, 162.087



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, 55.187, 158.018



90, 64.438, 156.455



93, 37.874, 197.090



52, 6.300, 162.900



68, 71.803, 149.090



23, 30.967, 152.322

Inverse Universe

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



68, 58.302, 349.424



64, 67.960, 351.187



67, 55.752, 25.687



50, 6.382, 344.415



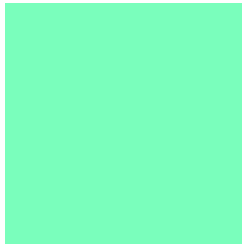
41, 68.245, 2.125



10, 31.867, 356.524

Previews

White Background



This preview shows how the CIE LCh color 91, 55.186, 158.019 looks on a white background.

Color Contrast Check

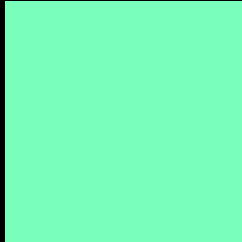
Large Text (above 18pt) WCAG AA × Fail

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, 55.186, 158.019 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, 55.186, 158.019

Background



This preview shows how black text looks on a background with the CIELCh color 91, 55.186, 158.019.

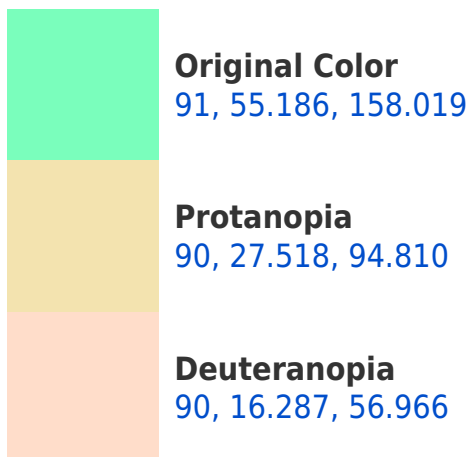


This preview shows how white text looks on a background with the CIELCh color 91, 55.186, 158.019.

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, 23.283, 217.772

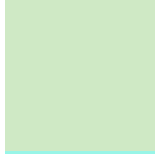
Trichromacy



Original Color
91, 55.186, 158.019



Protanomaly
90, 32.637, 133.568



Deuteranomaly
90, 20.994, 135.742

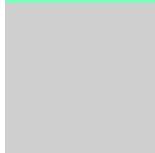


Tritanomaly
91, 30.852, 183.712

Monochromacy



Original Color
91, 55.186, 158.019



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 21.341, 161.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 55.186, 158.019 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(122, 254, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 254, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 55.186, 158.019 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, 188) }
```

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

```
.border{ border-color:rgb(122, 254, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 254, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 254, 188);  
box-shadow:4px 4px 4px 4px rgb(122, 254,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 55.186, 158.019 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, 188) }
```

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

```
.background{ background-color: rgb(122,  
254, 188) }
```

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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