

Converting Colors

CIELCh(91, 58.209, 155.183)

Have a look what the booklet for
CIELCh(91, 58.209, 155.183)
contains.

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Color

CIELCh(91, 58.137, 155.053)

Conversions

Conversions Part 1

Format	Color
Hex	7AFE84
RGB	122, 254, 180
RGB Percent	48%, 100%, 71%
CMY	0.5207, 0.0030, 0.2933
CMYK	0.52, 0.00, 0.29, 0.00
HSL	146°, 99%, 74%
HSV	146°, 52%, 100%
XYZ	51.8306, 78.4833, 55.7081
YIQ	206.0960, -54.9180, -50.9980

Conversions

Conversions Part 2

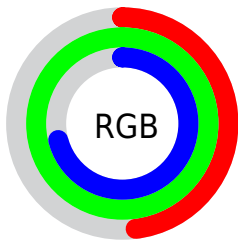
Format	Color
RYB	122, 214, 254
Decimal	8060596
CIELab	91.00, -52.71, 24.52
CIELCh	91, 58.137, 155.053
Yxy	78.4833, 0.2786, 0.4219
Android (android.graphics.Color)	4286250676 (0xFF7AFEB4)
YUV	206.0960, -12.8653, -73.7522
Hunter-Lab	88.5908, -50.6015, 24.7305

Details

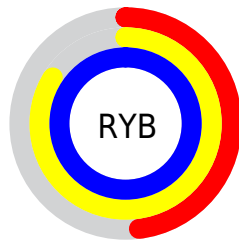
The CIELCh color **91, 58.137, 155.053** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **69, 60.220, 345.744**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 26.391, 175.970**, and **71, 57.824, 155.172** is the 20% darker color. If you saturate the color by 10%, you get **90, 67.797, 153.507**, and if you desaturate by 10%, it is **92, 47.706, 156.407**.

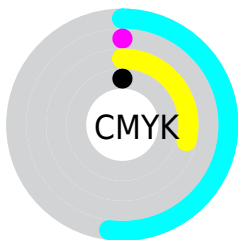
Distribution



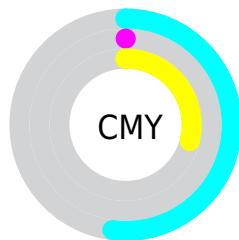
- Red (48%)
- Green (100%)
- Blue (71%)



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



- Cyan (52%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 58.137, 155.053 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, 58.137, 155.053 by changing the saturation by 10% instead.


 91, 58.137,
155.053


 91, 58.137,
155.053


 100, 58.137,
155.053


 81, 58.137,
155.053

 71, 58.137,
155.053

 61, 58.137,
155.053

 51, 58.137,
155.053

 41, 58.137,
155.053

 31, 58.137,
155.053

 21, 58.137,

155.053

■ 11, 58.137,
155.053

■ 1, 58.137, 155.053

■ 91, 58.137,
155.053

■ 91, 58.137,
155.053

■ 90, 67.797,
153.507

■ 92, 47.706,
156.407

■ 89, 76.506,
151.753

■ 94, 36.704,
157.595

■ 89, 84.151,
149.786

■ 95, 25.335,
158.643

■ 88, 90.701,
147.627

■ 97, 13.784,
159.580

■ 88, 95.304,
145.818

■ 99, 2.207, 160.577
100, 0.489,
323.826

Harmonies

Complementary

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



91, 58.137, 155.053



69, 60.220, 345.744

Rectangle

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



91, 58.137, 155.053



91, 58.137, 205.053



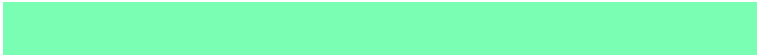
91, 58.137, 335.053



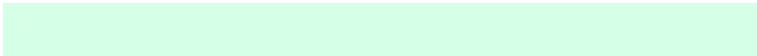
91, 58.137, 25.053

Sweetspot

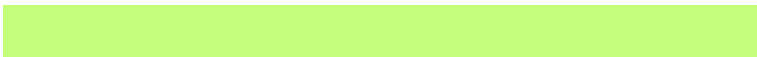
The Sweet Spot groups the original color and five complimentary colors.



91, 58.138, 155.053



97, 18.554, 159.208



94, 68.547, 124.220



51, 12.525, 159.015



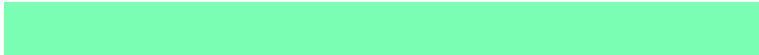
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 58.138, 155.053



90, 68.035, 153.493



92, 39.035, 190.237



52, 6.587, 159.795



68, 76.249, 146.235



23, 32.810, 149.421

Inverse Universe

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



69, 60.220, 345.744



64, 70.029, 347.281



67, 54.551, 20.855



50, 6.652, 341.232



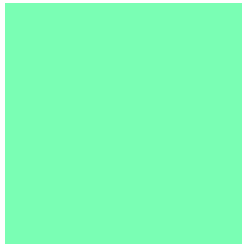
41, 69.288, 356.455



11, 32.570, 351.817

Previews

White Background



This preview shows how the CIE LCh color 91, 58.137, 155.053 looks on a white background.

Color Contrast Check

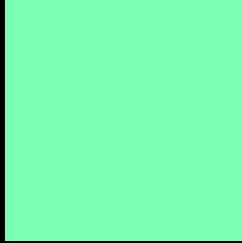
Large Text (above 18pt) WCAG AA × Fail

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, 58.137, 155.053 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, 58.137, 155.053

Background



This preview shows how black text looks on a background with the CIELCh color 91, 58.137, 155.053.



This preview shows how white text looks on a background with the CIELCh color 91, 58.137, 155.053.

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, 58.137, 155.053

Protanopia
90, 31.096, 95.190

Deuteranopia
90, 17.331, 60.815



Tritanopia
91, 23.024, 218.016

Trichromacy



Original Color
91, 58.137, 155.053



Protanomaly
90, 36.194, 130.201



Deuteranomaly
90, 23.324, 132.844

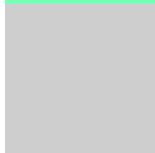


Tritanomaly
91, 31.205, 180.879

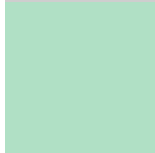
Monochromacy



Original Color
91, 58.137, 155.053



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 22.384, 158.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 58.137, 155.053 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(122, 254, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 254, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 58.137, 155.053 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, 180) }
```

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

```
.border{ border-color:rgb(122, 254, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 254, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 254, 180);  
box-shadow:4px 4px 4px 4px rgb(122, 254,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 58.137, 155.053 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, 180) }
```

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

```
.background{ background-color: rgb(122,  
254, 180) }
```

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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