

Converting Colors

CIELCh(99, 66.677, 158.958)

Have a look what the booklet for
CIELCh(99, 66.677, 158.958)
contains.

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Color

CIELCh(91, 53.079, 165.671)

Conversions

Conversions Part 1

Format	Color
Hex	6BFECA
RGB	107, 254, 202
RGB Percent	42%, 100%, 79%
CMY	0.5795, 0.0028, 0.2066
CMYK	0.58, 0.00, 0.20, 0.00
HSL	159°, 99%, 71%
HSV	159°, 58%, 100%
XYZ	52.3212, 78.4833, 68.4690
YIQ	204.1190, -70.9200, -47.3360

Conversions

Conversions Part 2

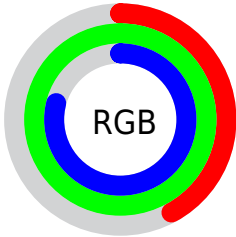
Format	Color
RYB	107, 196, 254
Decimal	7077578
CIELab	91.00, -51.43, 13.14
CIELCh	91, 53.079, 165.671
Yxy	78.4833, 0.2626, 0.3938
Android (android.graphics.Color)	4285267658 (0xFF6BFECA)
YUV	204.1190, -1.0447, -85.1734
Hunter-Lab	88.5908, -49.6128, 16.1902

Details

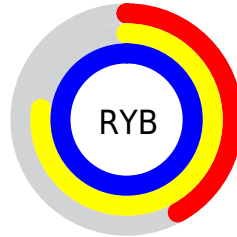
The CIELCh color **91, 53.079, 165.671** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **65, 60.687, 0.613**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.023, 197.751**, and **71, 52.829, 165.805** is the 20% darker color. If you saturate the color by 10%, you get **90, 60.053, 164.028**, and if you desaturate by 10%, it is **92, 45.208, 167.133**.

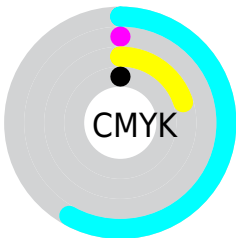
Distribution



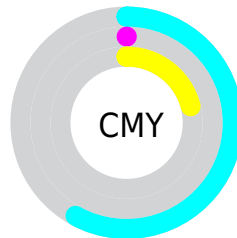
- Red (42%)
- Green (100%)
- Blue (79%)



- Red (42%)
- Yellow (77%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (58%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 53.079, 165.671 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, 53.079, 165.671 by changing the saturation by 10% instead.


 91, 53.079,
165.671


 91, 53.079,
165.671


 100, 53.079,
165.671


 81, 53.079,
165.671


 71, 53.079,
165.671

 61, 53.079,
165.671

 51, 53.079,
165.671

 41, 53.079,
165.671

 31, 53.079,
165.671

 21, 53.079,

165.671

■ 11, 53.079,
165.671

■ 1, 53.079, 165.671

■ 91, 53.079,
165.671

■ 91, 53.079,
165.671

■ 90, 60.053,
164.028

■ 92, 45.208,
167.133

■ 90, 66.036,
162.184

■ 93, 36.580,
168.442

■ 89, 71.020,
160.126

■ 95, 27.363,
169.624

■ 89, 75.111,
157.878

■ 96, 17.728,
170.704

■ 89, 75.941,
157.391

■ 98, 7.834, 171.724
100, 0.451,
323.771

Harmonies

Complementary

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



91, 53.079, 165.671



65, 60.687, 0.613

Rectangle

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



91, 53.079, 165.671



91, 53.079, 215.671



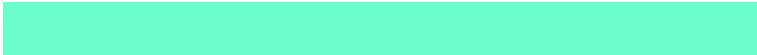
91, 53.079, 345.671



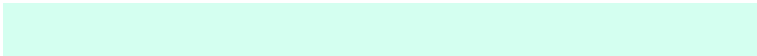
91, 53.079, 35.671

Sweetspot

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



91, 53.080, 165.670



97, 16.951, 170.790



92, 79.930, 130.842



51, 11.318, 170.581



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, 53.080, 165.670



90, 60.938, 163.822



87, 35.966, 214.070



52, 5.696, 171.553



69, 60.844, 157.815



23, 26.559, 160.946

Inverse Universe

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



65, 60.687, 0.613



61, 70.538, 3.637



68, 57.467, 35.381



50, 5.828, 353.213



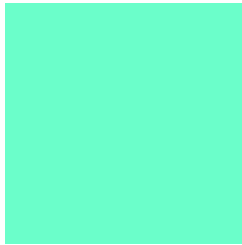
40, 69.152, 16.304



10, 31.304, 8.726

Previews

White Background



This preview shows how the CIE LCh color 91, 53.079, 165.671 looks on a white background.

Color Contrast Check

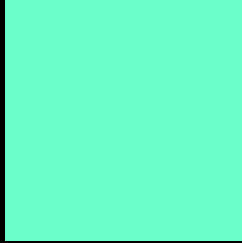
Large Text (above 18pt) WCAG AA × Fail

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, 53.079, 165.671 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, 53.079, 165.671

Background



This preview shows how black text looks on a background with the CIELCh color 91, 53.079, 165.671.

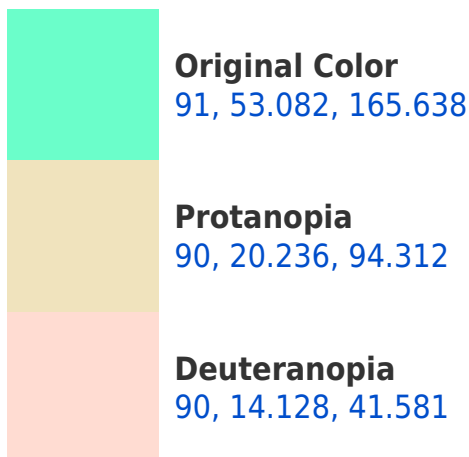


This preview shows how white text looks on a background with the CIELCh color 91, 53.079, 165.671.

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, 24.310, 216.853

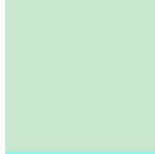
Trichromacy



Original Color
91, 53.082, 165.638



Protanomaly
90, 27.733, 144.425



Deuteranomaly
89, 17.221, 149.427

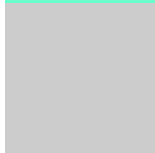


Tritanomaly
90, 32.013, 188.895

Monochromacy



Original Color
91, 53.082, 165.638



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 21.211, 169.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 53.079, 165.671 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(107, 254, 202)` looks like.

```
.text, #text, p{  
    color:rgb(107, 254, 202)  
}
```

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(107, 254, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 254, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 53.079, 165.671 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(107, 254, 202) }
```

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

```
.border{ border-color:rgb(107, 254, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 254, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 254, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 254, 202);  
box-shadow:4px 4px 4px 4px rgb(107, 254,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 53.079, 165.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 254, 202) }
```

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

```
.background{ background-color: rgb(107,  
254, 202) }
```

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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