

Converting Colors

CIELCh(91, 35.013, 201.678)

Have a look what the booklet for
CIELCh(91, 35.013, 201.678)
contains.

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Color

CIELCh(91, 35.121, 201.527)

Conversions

Conversions Part 1

Format	Color
Hex	7FF8FD
RGB	127, 248, 253
RGB Percent	50%, 97%, 99%
CMY	0.5033, 0.0288, 0.0092
CMYK	0.50, 0.02, 0.00, 0.01
HSL	182°, 96%, 74%
HSV	182°, 50%, 99%
XYZ	59.8397, 78.4833, 104.6439
YIQ	212.3910, -73.7210, -24.0970

Conversions

Conversions Part 2

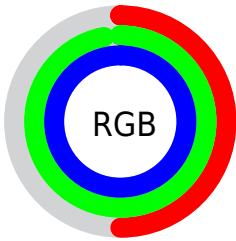
Format	Color
RYB	127, 189, 253
Decimal	8386813
CIELab	91.00, -32.67, -12.89
CIELCh	91, 35.121, 201.527
Yxy	78.4833, 0.2463, 0.3230
Android (android.graphics.Color)	4286576893 (0xFF7FF8FD)
YUV	212.3910, 20.0202, -74.8879
Hunter-Lab	88.5908, -34.4639, -8.0201

Details

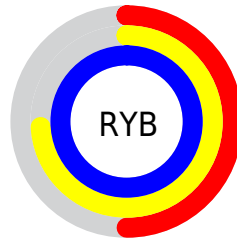
The CIELCh color **91, 35.121, 201.527** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 51.341, 27.709**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.978, 198.063**, and **71, 35.172, 201.303** is the 20% darker color. If you saturate the color by 10%, you get **90, 39.635, 201.541**, and if you desaturate by 10%, it is **92, 29.596, 201.626**.

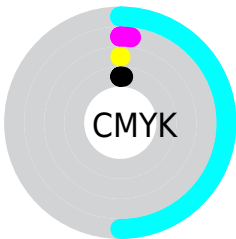
Distribution



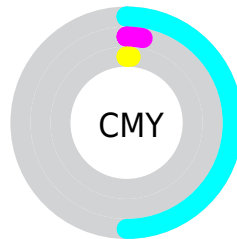
- Red (50%)
- Green (97%)
- Blue (99%)



- Red (50%)
- Yellow (74%)
- Blue (99%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (50%)
- Magenta (3%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 35.121, 201.527 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, 35.121, 201.527 by changing the saturation by 10% instead.


 91, 35.121,
201.527


 91, 35.121,
201.527


 100, 35.121,
201.527


 81, 35.121,
201.527


 71, 35.121,
201.527

 61, 35.121,
201.527

 51, 35.121,
201.527

 41, 35.121,
201.527

 31, 35.121,
201.527

 21, 35.121,

201.527

■ 11, 35.121,
201.527

■ 1, 35.121, 201.527

■ 91, 35.121,
201.527

■ 91, 35.121,
201.527

■ 90, 39.635,
201.541

■ 92, 29.596,
201.626

■ 89, 43.064,
201.688

■ 94, 23.174,
201.830

■ 88, 45.392,
201.977

■ 95, 15.990,
202.127

■ 88, 46.672,
202.416

■ 97, 8.184, 202.521

■ 99, 0.108, 16.687

■ 87, 47.107,
202.992

100, 0.680, 67.224

■ 87, 47.111,
202.999

100, 1.017,
103.776

100, 1.172,
110.024

Harmonies

Complementary

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



91, 35.121, 201.527



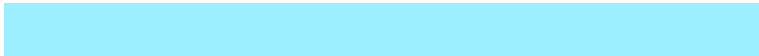
69, 51.341, 27.709

Rectangle

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



91, 35.121, 201.527



91, 35.121, 251.527



91, 35.121, 21.527



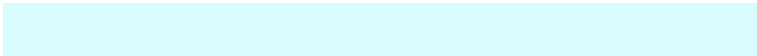
91, 35.121, 71.527

Sweetspot

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



91, 35.121, 201.525



97, 12.345, 202.304



90, 75.718, 141.155



51, 8.369, 202.224



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

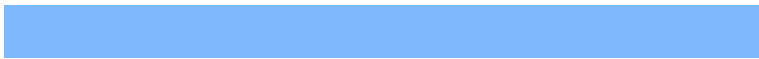
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 35.121, 201.525



91, 39.974, 201.542



74, 39.081, 268.610



52, 4.752, 202.538



68, 38.242, 202.883



23, 17.700, 202.060

Inverse Universe

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



71, 74.924, 328.240



68, 88.071, 328.705



82, 43.819, 72.376



50, 8.816, 326.031



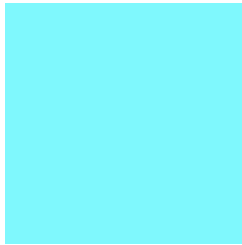
45, 90.227, 329.878



12, 41.665, 329.673

Previews

White Background



This preview shows how the CIE LCh color 91, 35.121, 201.527 looks on a white background.

Color Contrast Check

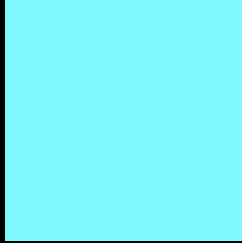
Large Text (above 18pt) WCAG AA × Fail

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, 35.121, 201.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

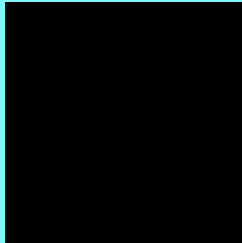
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

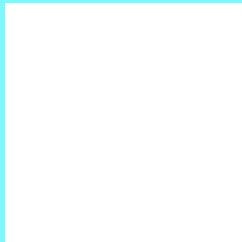
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 35.121, 201.527

Background



This preview shows how black text looks on a background with the CIELCh color 91, 35.121, 201.527.



This preview shows how white text looks on a background with the CIELCh color 91, 35.121, 201.527.

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



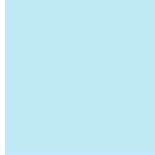


Tritanopia
91, 23.957, 215.815

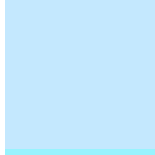
Trichromacy



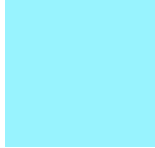
Original Color
91, 35.121, 201.527



Protanomaly
90, 15.158, 220.843



Deuteranomaly
90, 16.131, 244.212

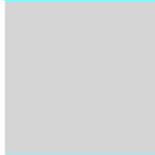


Tritanomaly
91, 28.085, 209.554

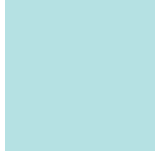
Monochromacy



Original Color
91, 35.121, 201.527



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 14.877, 202.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 35.121, 201.527 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(127, 248, 253)` looks like.

```
.text, #text, p{  
    color:rgb(127, 248, 253)  
}
```

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(127, 248, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 248, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 35.121, 201.527 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(127, 248, 253) }
```

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

```
.border{ border-color:rgb(127, 248, 253) }
```

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

Here you see how a box with a 4 pixel rgb(127, 248, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 248, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 248, 253);  
box-shadow:4px 4px 4px 4px rgb(127, 248,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 35.121, 201.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 248, 253) }
```

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

```
.background{ background-color: rgb(127,  
248, 253) }
```

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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