

Converting Colors

CIELCh(91, 31.120, 201.336)

Have a look what the booklet for
CIELCh(91, 31.120, 201.336)
contains.

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Color

CIE LCh(91, 31.118, 201.334)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8FF6FA |
| RGB | 143, 246, 250 |
| RGB Percent | 56%, 96%, 98% |
| CMY | 0.4401, 0.0362, 0.0205 |
| CMYK | 0.43, 0.02, 0.00, 0.02 |
| HSL | 182°, 91%, 77% |
| HSV | 182°, 43%, 98% |
| XYZ | 61.3969, 78.4833, 102.1721 |
| YIQ | 215.6590, -62.6720, -20.5920 |

Conversions

Conversions Part 2

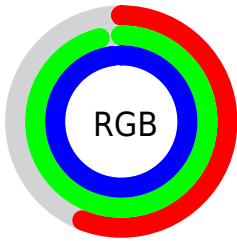
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 143, 195, 250 |
| Decimal | 9434874 |
| CIELab | 91.00, -28.99, -11.32 |
| CIELCh | 91, 31.118, 201.334 |
| Yxy | 78.4833, 0.2537, 0.3242 |
| Android (android.graphics.Color) | 4287624954 (0xFF8FF6FA) |
| YUV | 215.6590, 16.9301, -63.7219 |
| Hunter-Lab | 88.5908, -31.3264, -6.3658 |

Details

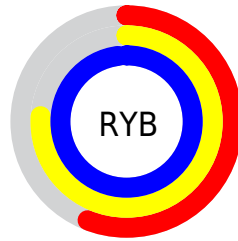
The CIELCh color **91, 31.118, 201.334** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **72, 42.749, 26.374**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.489, 198.347**, and **71, 30.909, 202.217** is the 20% darker color. If you saturate the color by 10%, you get **90, 36.321, 201.247**, and if you desaturate by 10%, it is **92, 24.989, 201.520**.

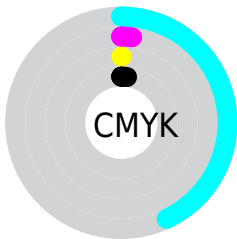
Distribution



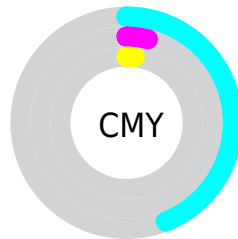
- Red (56%)
- Green (96%)
- Blue (98%)



- Red (56%)
- Yellow (76%)
- Blue (98%)



- Cyan (43%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)





- Cyan (44%)
- Magenta (4%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 31.118, 201.334 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, 31.118, 201.334 by changing the saturation by 10% instead.


 91, 31.118,
201.334


 91, 31.118,
201.334


 100, 31.118,
201.334


 81, 31.118,
201.334


 71, 31.118,
201.334

 61, 31.118,
201.334


 51, 31.118,
201.334


 41, 31.118,
201.334


 31, 31.118,
201.334


 21, 31.118,


201.334


 11, 31.118,
201.334


 1, 31.118, 201.334

 91, 31.118,
201.334

 91, 31.118,
201.334


 90, 36.321,
201.247


 92, 24.989,
201.520

 89, 40.497,
201.281

 94, 18.063,
201.802

 88, 43.586,
201.444

 96, 10.479,
202.173

 87, 45.590,
201.747

 98, 2.376, 202.791

 99, 1.632, 31.111

87, 46.590,
202.194

99, 1.498, 51.855

87, 46.841,
202.589

99, 1.580, 73.302

99, 1.849, 90.523

100, 2.238,
102.575

Harmonies

Complementary

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



91, 31.118, 201.334



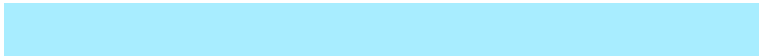
72, 42.749, 26.374

Rectangle

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



91, 31.118, 201.334



91, 31.118, 251.334



91, 31.118, 21.334



91, 31.118, 71.334

Sweetspot

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



91, 31.118, 201.332



97, 10.786, 202.165



90, 65.126, 141.938



52, 7.499, 202.075



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, 31.118, 201.332



92, 36.028, 201.254



77, 33.358, 266.704



51, 4.685, 202.323



67, 37.974, 202.478



22, 17.285, 201.671

Inverse Universe

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



74, 64.747, 327.817



71, 77.089, 328.224



84, 36.789, 73.341



49, 8.685, 325.966



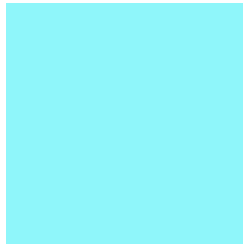
44, 89.494, 329.777



11, 40.641, 329.575

Previews

White Background



This preview shows how the CIE LCh color 91, 31.118, 201.334 looks on a white background.

Color Contrast Check

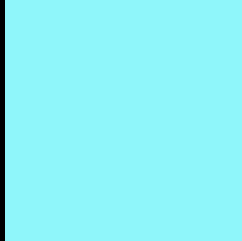
Large Text (above 18pt) WCAG AA × Fail

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, 31.118, 201.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

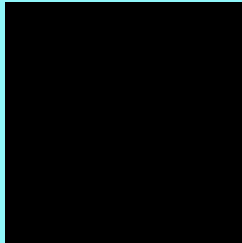
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 31.118, 201.334

Background



This preview shows how black text looks on a background with the CIELCh color 91, 31.118, 201.334.




This preview shows how white text looks on a background with the CIELCh color 91, 31.118, 201.334.

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



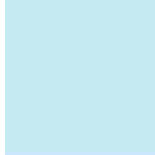


Tritanopia
91, 22.504, 218.524

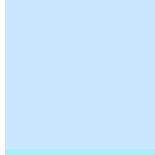
Trichromacy



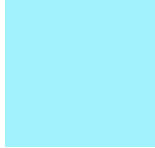
Original Color
91, 31.118, 201.334



Protanomaly
90, 12.672, 217.913



Deuteranomaly
90, 14.485, 251.354

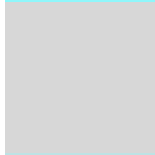


Tritanomaly
91, 25.569, 210.885

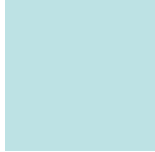
Monochromacy



Original Color
91, 31.118, 201.334



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 12.635, 203.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 31.118, 201.334 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(143, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(143, 246, 250)  
}
```

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(143, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 246, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 31.118, 201.334 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(143, 246, 250) }
```

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

```
.border{ border-color:rgb(143, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(143, 246,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 31.118, 201.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 246, 250) }
```

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

```
.background{ background-color: rgb(143,  
246, 250) }
```

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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