

Converting Colors

CIELCh(93, 48.004, 260.008)

Have a look what the booklet for
CIELCh(93, 48.004, 260.008)
contains.

CIELCh(91, 31.168, 208.191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 31.168, 208.191)

Conversions

Conversions Part 1

Format	Color
Hex	8DF5FF
RGB	141, 245, 255
RGB Percent	55%, 96%, 100%
CMY	0.4458, 0.0380, 0.0000
CMYK	0.45, 0.04, 0.00, 0.00
HSL	185°, 100%, 78%
HSV	185°, 45%, 100%
XYZ	62.0448, 78.4833, 107.5928
YIQ	215.0440, -65.1940, -18.9380

Conversions

Conversions Part 2

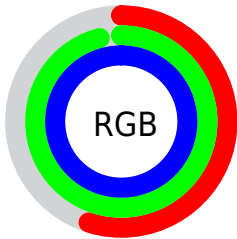
Format	Color
RYB	141, 195, 255
Decimal	9303551
CIELab	91.00, -27.47, -14.72
CIELCh	91, 31.168, 208.191
Yxy	78.4833, 0.2501, 0.3163
Android (android.graphics.Color)	4287493631 (0xFF8DF5FF)
YUV	215.0440, 19.6983, -64.9366
Hunter-Lab	88.5908, -30.0211, -9.9936

Details

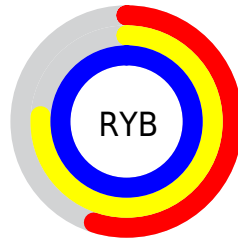
The CIELCh color **91, 31.168, 208.191** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 43.808, 30.105**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **71, 31.039, 207.395** is the 20% darker color. If you saturate the color by 10%, you get **89, 36.038, 207.207**, and if you desaturate by 10%, it is **93, 25.373, 206.754**.

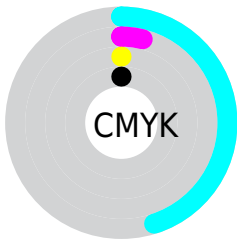
Distribution



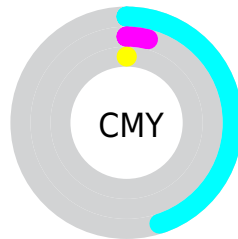
- Red (55%)
- Green (96%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 31.168, 208.191 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, 31.168, 208.191 by changing the saturation by 10% instead.

91, 31.168,
208.191

91, 31.168,
208.191

100, 31.168,
208.191

81, 31.168,
208.191

71, 31.168,
208.191

61, 31.168,
208.191

51, 31.168,
208.191

41, 31.168,
208.191

31, 31.168,
208.191

21, 31.168,

208.191

■ 11, 31.168,
208.191

■ 1, 31.168, 208.191

■ 91, 31.168,
208.191

■ 91, 31.168,
208.191

■ 89, 36.038,
207.207

■ 93, 25.373,
206.754

■ 88, 39.876,
207.722

■ 95, 18.774,
206.757

■ 87, 42.631,
208.472

■ 97, 11.509,
206.886

■ 86, 44.313,
209.489

■ 99, 3.712, 207.206

100, 0.012,

■ 85, 45.017,
210.798

296.813

■ 85, 45.114,
211.608

Harmonies

Complementary

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



91, 31.168, 208.191



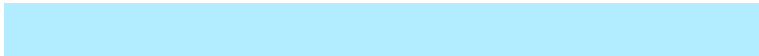
73, 43.808, 30.105

Rectangle

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



91, 31.168, 208.191



91, 31.168, 258.191



91, 31.168, 28.191



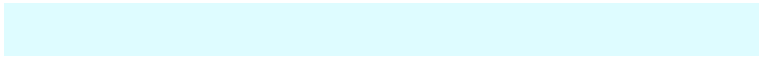
91, 31.168, 78.191

Sweetspot

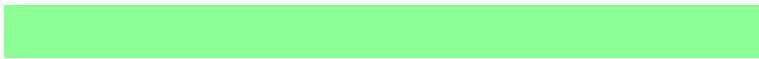
The Sweet Spot groups the original color and five complimentary colors.



91, 31.170, 206.895



97, 10.312, 206.919



91, 66.478, 143.105



51, 7.169, 206.874



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, 31.170, 206.895



90, 35.337, 207.145



76, 37.607, 272.065



52, 4.554, 207.006



65, 36.385, 211.317



22, 16.903, 209.336

Inverse Universe

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



74, 66.151, 329.409



70, 77.181, 329.870



86, 40.049, 77.874



50, 8.544, 327.356



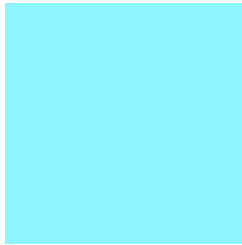
45, 87.045, 331.957



12, 40.369, 331.471

Previews

White Background



This preview shows how the CIE LCh color 91, 31.168, 208.191 looks on a white background.

Color Contrast Check

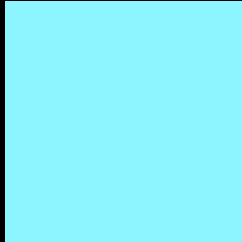
Large Text (above 18pt) WCAG AA × Fail

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, 31.168, 208.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

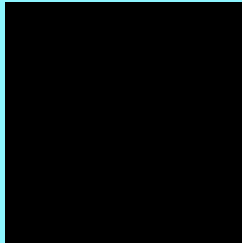
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 31.168, 208.191

Background



This preview shows how black text looks on a background with the CIELCh color 91, 31.168, 208.191.

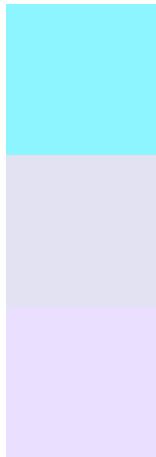


This preview shows how white text looks on a background with the CIELCh color 91, 31.168, 208.191.

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, 31.172, 207.197

Protanopia
90, 8.849, 293.139

Deuteranopia
91, 17.117, 304.145

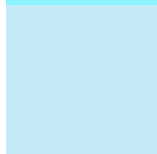


Tritanopia
91, 23.024, 218.016

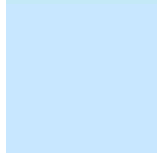
Trichromacy



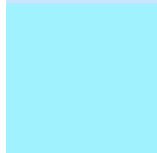
Original Color
91, 31.172, 207.197



Protanomaly
90, 14.068, 230.013



Deuteranomaly
90, 15.834, 251.207

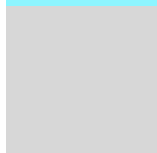


Tritanomaly
91, 25.925, 213.092

Monochromacy



Original Color
91, 31.172, 207.197



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 13.001, 207.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 31.168, 208.191 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(141, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 245, 255)  
}
```

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(141, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 245, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 31.168, 208.191 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(141, 245, 255) }
```

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

```
.border{ border-color:rgb(141, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 245,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 31.168, 208.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 245, 255) }
```

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

```
.background{ background-color: rgb(141,  
245, 255) }
```

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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