

Converting Colors

CIELCh(91, 21.101, 222.820)

Have a look what the booklet for
CIELCh(91, 21.101, 222.820)
contains.

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Color

CIELCh(91, 21.073, 221.621)

Conversions

Conversions Part 1

Format	Color
Hex	B1EFFF
RGB	177, 239, 255
RGB Percent	69%, 94%, 100%
CMY	0.3050, 0.0618, 0.0000
CMYK	0.30, 0.06, 0.00, 0.00
HSL	192°, 100%, 85%
HSV	192°, 30%, 100%
XYZ	67.2103, 78.4833, 106.4184
YIQ	222.2860, -42.0880, -8.1680

Conversions

Conversions Part 2

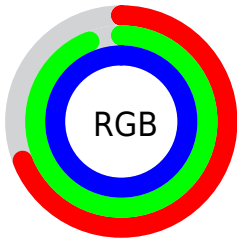
Format	Color
RYB	177, 212, 255
Decimal	11661311
CIELab	91.00, -15.75, -14.00
CIELCh	91, 21.073, 221.621
Yxy	78.4833, 0.2666, 0.3113
Android (android.graphics.Color)	4289851391 (0xFFB1EFFF)
YUV	222.2860, 16.1280, -39.7158
Hunter-Lab	88.5908, -19.6131, -9.2077

Details

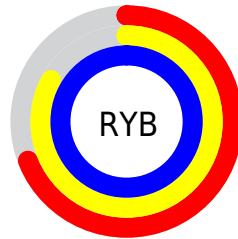
The CIELCh color **91, 21.073, 221.621** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 26.046, 39.494**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **71, 20.977, 221.197** is the 20% darker color. If you saturate the color by 10%, you get **88, 26.801, 222.200**, and if you desaturate by 10%, it is **94, 14.637, 220.621**.

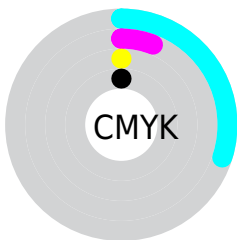
Distribution



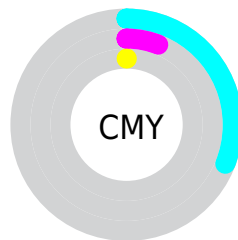
- Red (69%)
- Green (94%)
- Blue (100%)



- Red (69%)
- Yellow (83%)
- Blue (100%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 21.073, 221.621 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, 21.073, 221.621 by changing the saturation by 10% instead.

■ 91, 21.073,
221.621

■ 91, 21.073,
221.621

■ 100, 21.073,
221.621

■ 81, 21.073,
221.621

■ 71, 21.073,
221.621

■ 61, 21.073,
221.621

■ 51, 21.073,
221.621

■ 41, 21.073,
221.621

■ 31, 21.073,
221.621

■ 21, 21.073,

221.621

■ 11, 21.073,
221.621

■ 1, 21.073, 221.621

■ 91, 21.073,
221.621

■ 91, 21.073,
221.621

■ 88, 26.801,
222.200

■ 94, 14.637,
220.621

■ 86, 31.814,
223.445

■ 97, 7.713, 220.190

■ 84, 35.981,
225.092

100, 0.375,
221.527

■ 81, 39.242,
227.225

100, 0.012,
296.813

■ 79, 41.601,
229.933

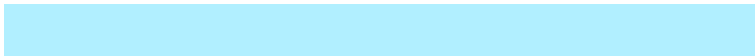
■ 78, 43.148,
233.282

■ 76, 44.093,
237.012

Harmonies

Complementary

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



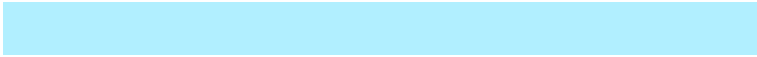
91, 21.073, 221.621



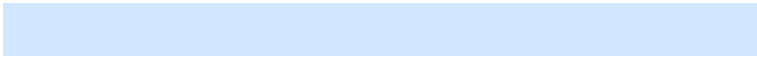
83, 26.046, 39.494

Rectangle

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



91, 21.073, 221.621



91, 21.073, 271.621



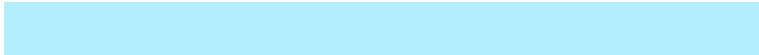
91, 21.073, 41.621



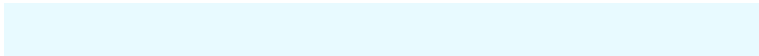
91, 21.073, 91.621

Sweetspot

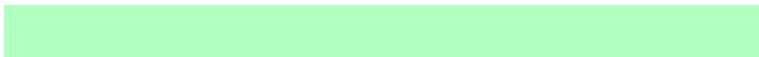
The Sweet Spot groups the original color and five complimentary colors.



91, 21.038, 221.279



97, 6.640, 220.147



94, 42.292, 148.170



51, 4.597, 220.188



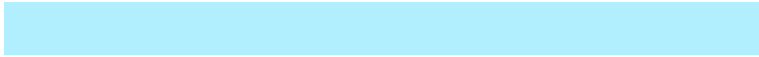
0, 0.000, 0.000



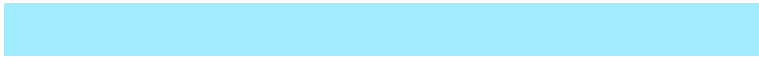
53, 0.007, 296.813

Same Dimension

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



91, 21.038, 221.279



89, 24.867, 221.845



81, 29.590, 278.402



52, 4.189, 220.161



58, 35.445, 236.244



19, 16.159, 230.907

Inverse Universe

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



81, 42.396, 332.607



78, 51.223, 333.064



93, 29.424, 89.799



50, 7.868, 331.190



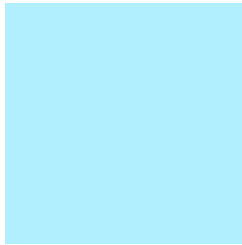
43, 79.525, 338.346



11, 37.260, 336.887

Previews

White Background



This preview shows how the CIE LCh color 91, 21.073, 221.621 looks on a white background.

Color Contrast Check

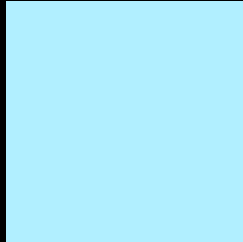
Large Text (above 18pt) WCAG AA × Fail

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, 21.073, 221.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

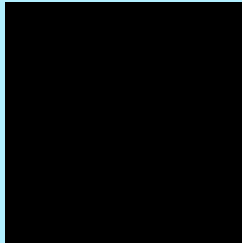
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 21.073, 221.621

Background



This preview shows how black text looks on a background with the CIELCh color 91, 21.073, 221.621.



This preview shows how white text looks on a background with the CIELCh color 91, 21.073, 221.621.

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](#).

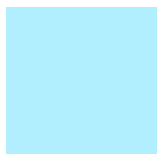
Dichromacy



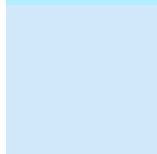


Tritanopia
91, 19.157, 226.000

Trichromacy



Original Color
91, 21.073, 221.621



Protanomaly
91, 12.150, 253.603



Deuteranomaly
91, 14.170, 271.984

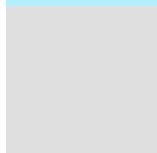


Tritanomaly
91, 19.677, 225.187

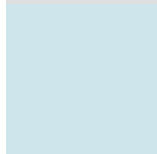
Monochromacy



Original Color
91, 21.073, 221.621



Achromatopsia
89, 0.011, 296.813



Achromatomaly
89, 8.431, 220.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 21.073, 221.621 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(177, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 239, 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(177, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 239, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 21.073, 221.621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

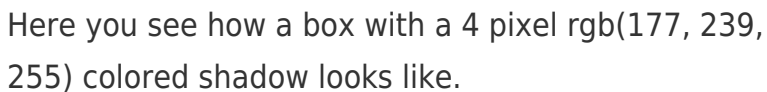
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 239, 255) }
```

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

```
.border{ border-color:rgb(177, 239, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 239,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 21.073, 221.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 239, 255) }
```

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

```
.background{ background-color: rgb(177,  
239, 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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