

Converting Colors

CIELCh(91, 21.656, 220.625)

Have a look what the booklet for
CIELCh(91, 21.656, 220.625)
contains.

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Color

CIELCh(91, 21.719, 219.337)

Conversions

Conversions Part 1

Format	Color
Hex	AFF0FF
RGB	175, 240, 255
RGB Percent	69%, 94%, 100%
CMY	0.3146, 0.0597, 0.0009
CMYK	0.31, 0.06, 0.00, 0.00
HSL	191°, 99%, 84%
HSV	191°, 31%, 100%
XYZ	66.7385, 78.4833, 106.0498
YIQ	222.2750, -43.5550, -9.1150

Conversions

Conversions Part 2

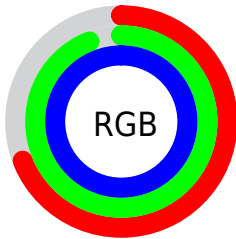
Format	Color
R_{YB}	175, 211, 255
Decimal	11530495
CIE _{Lab}	91.00, -16.80, -13.77
CIE _{LCh}	91, 21.719, 219.337
Yxy	78.4833, 0.2656, 0.3123
Android (android.graphics.Color)	4289720575 (0xFFAFF0FF)
YUV	222.2750, 16.1334, -41.4602
Hunter-Lab	88.5908, -20.5638, -8.9610

Details

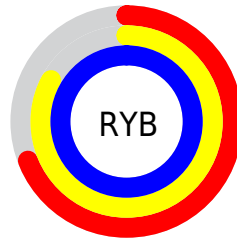
The CIELCh color **91, 21.719, 219.337** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 27.149, 38.009**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **71, 21.607, 218.831** is the 20% darker color. If you saturate the color by 10%, you get **88, 27.431, 220.165**, and if you desaturate by 10%, it is **94, 15.341, 218.751**.

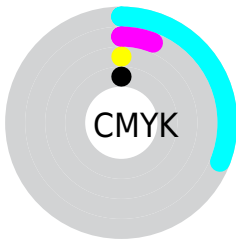
Distribution



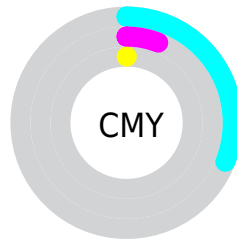
- Red (69%)
- Green (94%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 21.719, 219.337 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, 21.719, 219.337 by changing the saturation by 10% instead.

■ 91, 21.719,
219.337

■ 91, 21.719,
219.337

■ 100, 21.719,
219.337

■ 81, 21.719,
219.337

■ 71, 21.719,
219.337

■ 61, 21.719,
219.337

■ 51, 21.719,
219.337

■ 41, 21.719,
219.337

■ 31, 21.719,
219.337

■ 21, 21.719,

219.337

■ 11, 21.719,
219.337

■ 1, 21.719, 219.337

■ 91, 21.719,
219.337

■ 91, 21.719,
219.337

■ 88, 27.431,
220.165

■ 94, 15.341,
218.751

■ 86, 32.363,
221.306

■ 97, 8.418, 218.385

■ 84, 36.416,
222.829

■ 99, 1.059, 218.673

■ 100, 0.101,
109.409

■ 82, 39.532,
224.814

■ 80, 41.715,
227.345

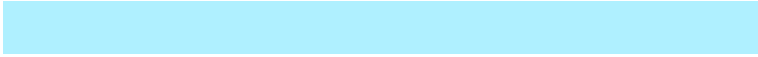
■ 78, 43.057,
230.488

■ 77, 43.739,
233.637

Harmonies

Complementary

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



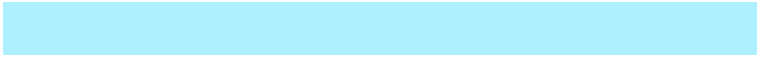
91, 21.719, 219.337



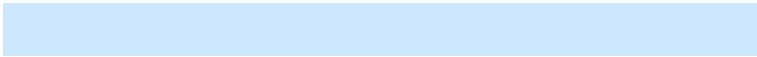
82, 27.149, 38.009

Rectangle

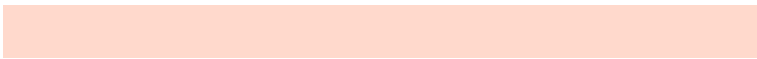
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 21.719, 219.337



91, 21.719, 269.337



91, 21.719, 39.337



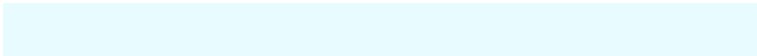
91, 21.719, 89.337

Sweetspot

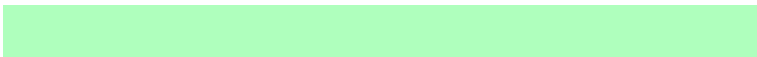
The Sweet Spot groups the original color and five complimentary colors.



91, 21.719, 219.333



97, 6.694, 218.332



94, 44.034, 147.530



52, 4.634, 218.362



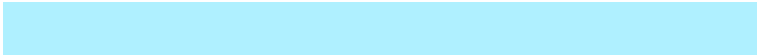
0, 0.000, 0.000



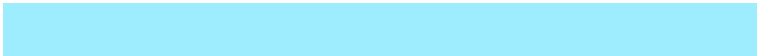
53, 0.007, 296.813

Same Dimension

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



91, 21.719, 219.333



89, 25.590, 219.851



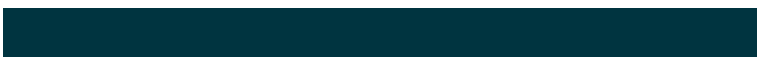
81, 29.849, 277.362



52, 4.223, 218.342



59, 35.212, 232.924



19, 16.133, 227.985

Inverse Universe

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



81, 44.060, 332.109



77, 53.102, 332.562



92, 29.858, 88.375



50, 7.953, 330.657



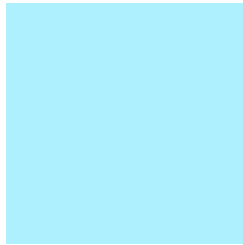
43, 80.431, 337.429



11, 37.640, 336.118

Previews

White Background



This preview shows how the CIE LCh color 91, 21.719, 219.337 looks on a white background.

Color Contrast Check

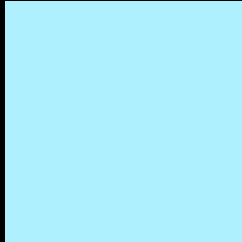
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 21.719, 219.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

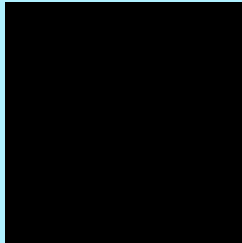
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 21.719, 219.337

Background



This preview shows how black text looks on a background with the CIELCh color 91, 21.719, 219.337.



This preview shows how white text looks on a background with the CIELCh color 91, 21.719, 219.337.

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



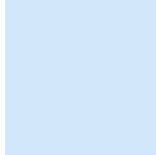


Tritanopia
91, 19.417, 225.587

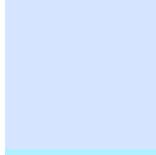
Trichromacy



Original Color
91, 21.719, 219.337



Protanomaly
91, 12.148, 249.511



Deuteranomaly
91, 14.273, 270.728

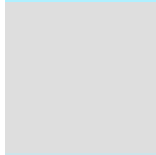


Tritanomaly
91, 20.287, 222.624

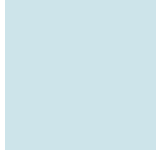
Monochromacy



Original Color
91, 21.719, 219.337



Achromatopsia
88, 0.011, 296.813



Achromatomaly
89, 8.436, 220.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 21.719, 219.337 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(175, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 240, 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(175, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 240, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 21.719, 219.337 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(175, 240, 255) }
```

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

```
.border{ border-color:rgb(175, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 240,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 21.719, 219.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 240, 255) }
```

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

```
.background{ background-color: rgb(175,  
240, 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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