

Converting Colors

CIELCh(92, 21.773, 216.100)

Have a look what the booklet for
CIELCh(92, 21.773, 216.100)
contains.

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Color

CIELCh(92, 21.652, 214.945)

Conversions

Conversions Part 1

Format	Color
Hex	B1F3FF
RGB	177, 243, 255
RGB Percent	69%, 95%, 100%
CMY	0.3057, 0.0469, 0.0000
CMYK	0.31, 0.05, 0.00, 0.00
HSL	189°, 100%, 85%
HSV	189°, 31%, 100%
XYZ	68.2638, 80.7044, 106.6268
YIQ	224.6340, -43.1880, -10.2600

Conversions

Conversions Part 2

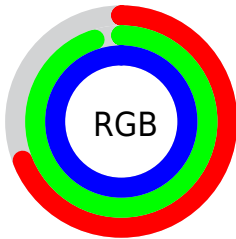
Format	Color
RYB	177, 213, 255
Decimal	11662335
CIELab	92.00, -17.75, -12.40
CIElCh	92, 21.652, 214.945
Yxy	80.7044, 0.2671, 0.3158
Android (android.graphics.Color)	4289852415 (0xFFB1F3FF)
YUV	224.6340, 14.9704, -41.7750
Hunter-Lab	89.8356, -21.5747, -7.4870

Details

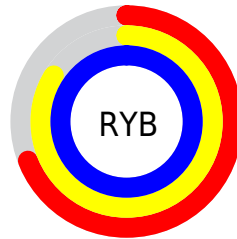
The CIELCh color **92, 21.652, 214.945** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 26.969, 34.708**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **72, 21.580, 214.137** is the 20% darker color. If you saturate the color by 10%, you get **90, 27.499, 215.429**, and if you desaturate by 10%, it is **94, 15.106, 214.527**.

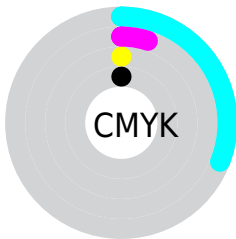
Distribution



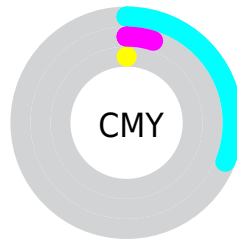
- Red (69%)
- Green (95%)
- Blue (100%)



- Red (69%)
- Yellow (84%)
- Blue (100%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 21.652, 214.945 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 92, 21.652, 214.945 by changing the saturation by 10% instead.


 92, 21.652,
214.945


 92, 21.652,
214.945


 100, 21.652,
214.945


 82, 21.652,
214.945

 72, 21.652,
214.945

 62, 21.652,
214.945

 52, 21.652,
214.945

 42, 21.652,
214.945

 32, 21.652,
214.945

 22, 21.652,

214.945

■ 12, 21.652,
214.945

■ 2, 21.652, 214.945

■ 92, 21.652,
214.945

■ 92, 21.652,
214.945

■ 90, 27.499,
215.429

■ 94, 15.106,
214.527

■ 88, 32.535,
216.238

■ 97, 7.998, 214.366

■ 86, 36.650,
217.360

100, 0.443,
215.703

■ 84, 39.773,
218.860

100, 0.012,
296.813

■ 82, 41.892,
220.808

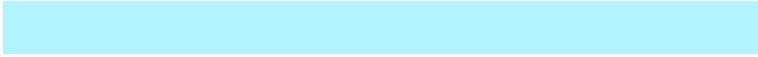
■ 81, 43.077,
223.265

■ 80, 43.551,
226.030

Harmonies

Complementary

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



92, 21.652, 214.945



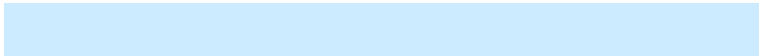
82, 26.969, 34.708

Rectangle

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



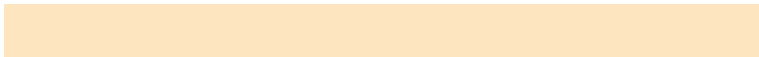
92, 21.652, 214.945



92, 21.652, 264.945



92, 21.652, 34.945



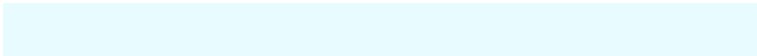
92, 21.652, 84.945

Sweetspot

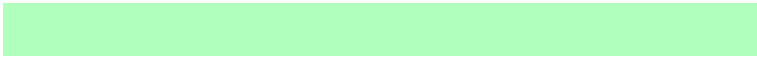
The Sweet Spot groups the original color and five complimentary colors.



92, 21.648, 214.874



98, 6.839, 214.360



94, 43.968, 146.540



52, 4.734, 214.365



0, 0.000, 0.000



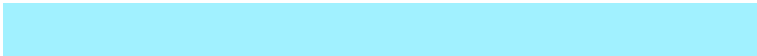
53, 0.007, 296.813

Same Dimension

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



92, 21.648, 214.874



91, 25.498, 215.204



82, 27.892, 274.621



52, 4.315, 214.361



61, 35.088, 225.451



20, 16.214, 221.485

Inverse Universe

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



81, 43.966, 330.840



78, 52.976, 331.255



92, 28.267, 85.760



50, 8.147, 329.498



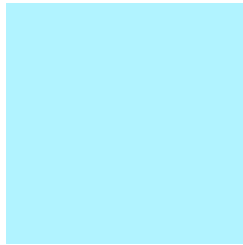
44, 82.550, 335.465



12, 38.522, 334.463

Previews

White Background



This preview shows how the CIELCh color 92, 21.652, 214.945 looks on a white background.

Color Contrast Check

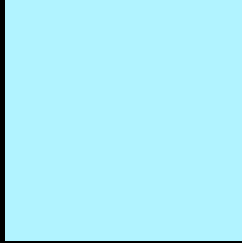
Large Text (above 18pt) WCAG AA × Fail

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 92, 21.652, 214.945 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 92, 21.652, 214.945

Background



This preview shows how black text looks on a background with the CIELCh color 92, 21.652, 214.945.

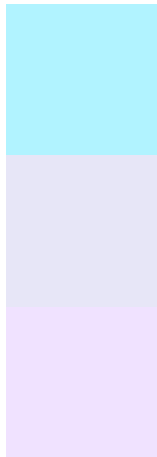


This preview shows how white text looks on a background with the CIELCh color 92, 21.652, 214.945.

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

92, 21.652, 214.945

Protanopia

92, 8.820, 293.128

Deuteranopia

92, 15.852, 308.984

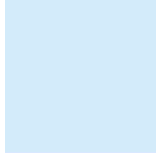


Tritanopia
92, 17.182, 225.536

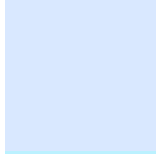
Trichromacy



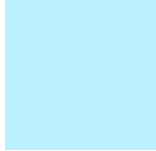
Original Color
92, 21.652, 214.945



Protanomaly
92, 11.046, 243.867

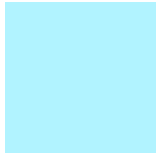


Deuteranomaly
92, 12.812, 268.025

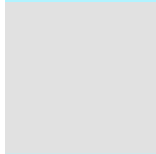


Tritanomaly
92, 18.630, 221.426

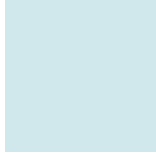
Monochromacy



Original Color
92, 21.652, 214.945



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 8.465, 213.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 21.652, 214.945 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, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 243, 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, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 243, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 21.652, 214.945 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, 243, 255) }
```

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

```
.border{ border-color:rgb(177, 243, 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, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 243,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 21.652, 214.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 243, 255) }
```

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

```
.background{ background-color: rgb(177,  
243, 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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