

Converting Colors

CIELCh(92, 22.861, 211.225)

Have a look what the booklet for
CIELCh(92, 22.861, 211.225)
contains.

CIELCh(92, 22.867, 211.229)	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(92, 22.867, 211.229)

Conversions

Conversions Part 1

Format	Color
Hex	ADF4FE
RGB	173, 244, 254
RGB Percent	68%, 96%, 100%
CMY	0.3217, 0.0433, 0.0041
CMYK	0.32, 0.04, 0.00, 0.00
HSL	187°, 97%, 84%
HSV	187°, 32%, 100%
XYZ	67.4414, 80.7044, 105.7492
YIQ	223.9110, -45.5260, -11.9420

Conversions

Conversions Part 2

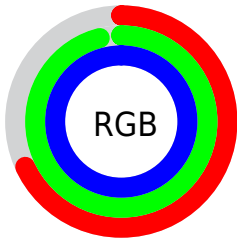
Format	Color
RYB	173, 211, 254
Decimal	11400446
CIELab	92.00, -19.55, -11.86
CIElCh	92, 22.867, 211.229
Yxy	80.7044, 0.2656, 0.3179
Android (android.graphics.Color)	4289590526 (0xFFADF4FE)
YUV	223.9110, 14.8339, -44.6489
Hunter-Lab	89.8356, -23.2088, -6.9077

Details

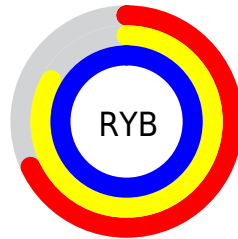
The CIELCh color **92, 22.867, 211.229** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 28.831, 32.052**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **72, 23.038, 210.129** is the 20% darker color. If you saturate the color by 10%, you get **90, 28.698, 211.590**, and if you desaturate by 10%, it is **94, 16.303, 211.040**.

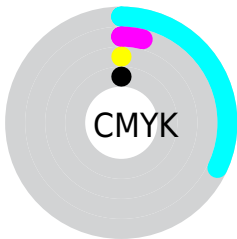
Distribution



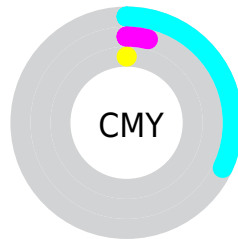
- Red (68%)
- Green (96%)
- Blue (100%)



- Red (68%)
- Yellow (83%)
- Blue (100%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 22.867, 211.229 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, 22.867, 211.229 by changing the saturation by 10% instead.

■ 92, 22.867,
211.229

■ 92, 22.867,
211.229

■ 100, 22.867,
211.229

■ 82, 22.867,
211.229

■ 72, 22.867,
211.229

■ 62, 22.867,
211.229

■ 52, 22.867,
211.229

■ 42, 22.867,
211.229

■ 32, 22.867,
211.229

■ 22, 22.867,

211.229

■ 12, 22.867,
211.229

■ 2, 22.867, 211.229

■ 92, 22.867,
211.229

■ 92, 22.867,
211.229

■ 90, 28.698,
211.590

■ 94, 16.303,
211.040

■ 88, 33.669,
212.172

■ 97, 9.137, 211.012

■ 86, 37.675,
213.017

■ 99, 1.493, 211.434

100, 0.519,
109.990

■ 85, 40.647,
214.177

■ 84, 42.578,
215.706

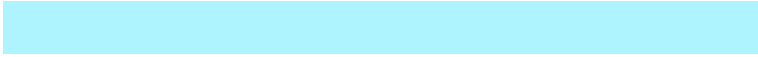
■ 83, 43.542,
217.651

■ 82, 43.791,
219.511

Harmonies

Complementary

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



92, 22.867, 211.229



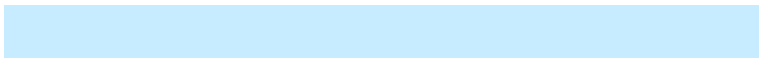
81, 28.831, 32.052

Rectangle

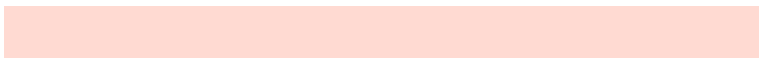
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 22.867, 211.229



92, 22.867, 261.229



92, 22.867, 31.229



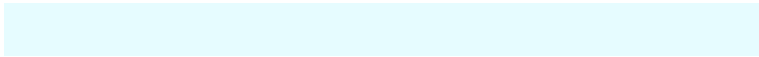
92, 22.867, 81.229

Sweetspot

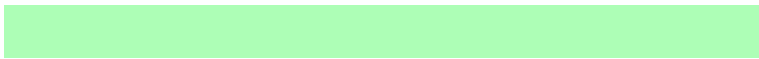
The Sweet Spot groups the original color and five complimentary colors.



92, 22.867, 211.225



97, 7.748, 211.028



93, 46.803, 145.392



52, 5.266, 211.015



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, 22.867, 211.225



91, 26.610, 211.425



81, 27.868, 272.106



52, 4.411, 211.033



63, 35.417, 219.066



21, 16.435, 215.987

Inverse Universe

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



80, 46.635, 329.911



77, 55.469, 330.287



90, 28.681, 82.691



50, 8.320, 328.532



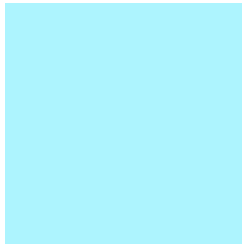
44, 84.482, 333.861



12, 39.319, 333.101

Previews

White Background



This preview shows how the CIE LCh color 92, 22.867, 211.229 looks on a white background.

Color Contrast Check

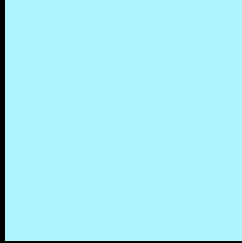
Large Text (above 18pt) WCAG AA × Fail

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 92, 22.867, 211.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

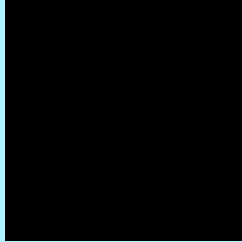
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 22.867, 211.229

Background



This preview shows how black text looks on a background with the CIELCh color 92, 22.867, 211.229.

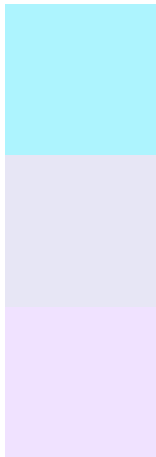


This preview shows how white text looks on a background with the CIELCh color 92, 22.867, 211.229.

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, 22.867, 211.229

Protanopia
92, 7.786, 293.355

Deuteranopia
92, 15.852, 308.984

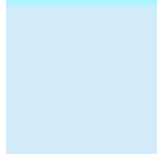


Tritanopia
92, 17.450, 225.073

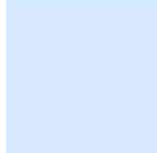
Trichromacy



Original Color
92, 22.867, 211.229



Protanomaly
92, 10.644, 238.364



Deuteranomaly
92, 12.600, 264.226

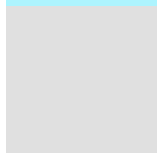


Tritanomaly
92, 19.445, 220.367

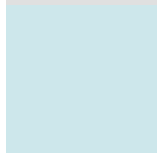
Monochromacy



Original Color
92, 22.867, 211.229



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 9.118, 212.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 22.867, 211.229 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(173, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(173, 244, 254)  
}
```

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(173, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 244, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 22.867, 211.229 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(173, 244, 254) }
```

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

```
.border{ border-color:rgb(173, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(173, 244,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 22.867, 211.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 244, 254) }
```

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

```
.background{ background-color: rgb(173,  
244, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor