

Converting Colors

CIELCh(92, 21.513, 211.861)

Have a look what the booklet for
CIELCh(92, 21.513, 211.861)
contains.

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Color

CIElCh(92, 21.504, 212.164)

Conversions

Conversions Part 1

Format	Color
Hex	B1F3FD
RGB	177, 243, 253
RGB Percent	69%, 95%, 99%
CMY	0.3051, 0.0462, 0.0070
CMYK	0.30, 0.04, 0.00, 0.01
HSL	188°, 96%, 84%
HSV	188°, 30%, 99%
XYZ	68.0557, 80.7044, 105.0969
YIQ	224.4060, -42.5460, -10.8820

Conversions

Conversions Part 2

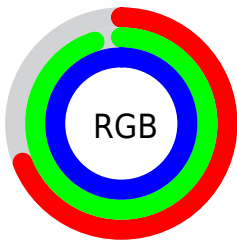
Format	Color
RYB	177, 212, 253
Decimal	11662333
CIELab	92.00, -18.20, -11.45
CIElCh	92, 21.504, 212.164
Yxy	80.7044, 0.2681, 0.3179
Android (android.graphics.Color)	4289852413 (0xFFB1F3FD)
YUV	224.4060, 14.0968, -41.5751
Hunter-Lab	89.8356, -21.9883, -6.4772

Details

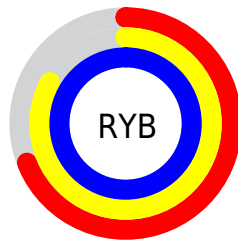
The CIELCh color **92, 21.504, 212.164** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 26.691, 32.671**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **72, 21.464, 211.168** is the 20% darker color. If you saturate the color by 10%, you get **90, 27.437, 212.545**, and if you desaturate by 10%, it is **94, 14.872, 211.956**.

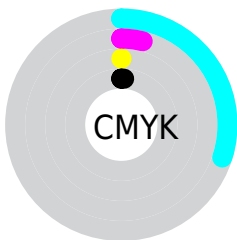
Distribution



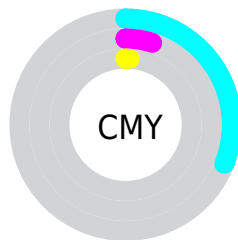
- Red (69%)
- Green (95%)
- Blue (99%)



- Red (69%)
- Yellow (83%)
- Blue (99%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)





- Cyan (31%)
- Magenta (5%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 21.504, 212.164 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, 21.504, 212.164 by changing the saturation by 10% instead.


 92, 21.504,
212.164


 92, 21.504,
212.164


 100, 21.504,
212.164


 82, 21.504,
212.164

 72, 21.504,
212.164

 62, 21.504,
212.164

 52, 21.504,
212.164

 42, 21.504,
212.164

 32, 21.504,
212.164

 22, 21.504,

212.164

■ 12, 21.504,
212.164

■ 2, 21.504, 212.164

■ 92, 21.504,
212.164

■ 92, 21.504,
212.164

■ 90, 27.437,
212.545

■ 94, 14.872,
211.956

■ 88, 32.544,
213.151

■ 97, 7.668, 211.920

■ 86, 36.713,
214.026

■ 99, 0.018, 251.817

■ 100, 0.894,
110.025

■ 85, 39.871,
215.224

■ 83, 41.996,
216.805

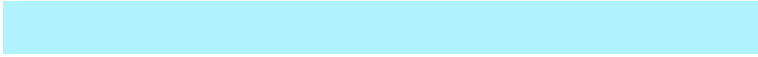
■ 82, 43.148,
218.820

■ 81, 43.543,
221.256

Harmonies

Complementary

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



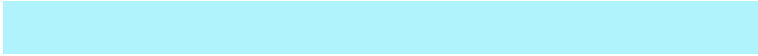
92, 21.504, 212.164



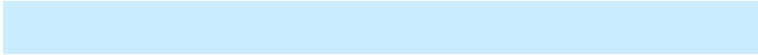
82, 26.691, 32.671

Rectangle

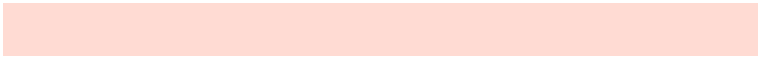
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



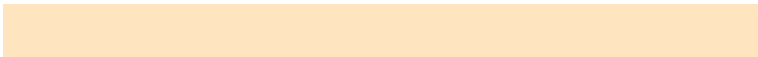
92, 21.504, 212.164



92, 21.504, 262.164



92, 21.504, 32.164



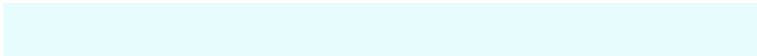
92, 21.504, 82.164

Sweetspot

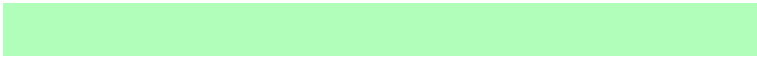
The Sweet Spot groups the original color and five complimentary colors.



92, 21.504, 212.160



98, 6.948, 211.928



93, 43.972, 145.570



52, 4.809, 211.917



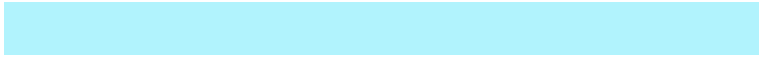
0, 0.000, 0.000



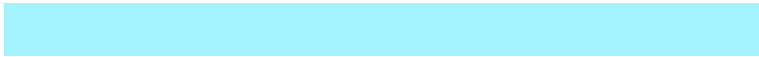
53, 0.007, 296.813

Same Dimension

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



92, 21.504, 212.160



91, 25.289, 212.367



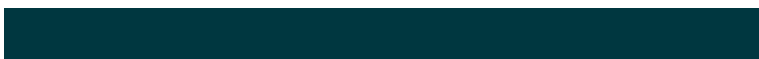
82, 26.144, 271.722



52, 4.383, 211.923



63, 35.289, 220.781



21, 16.362, 217.461

Inverse Universe

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



81, 43.583, 330.065



78, 52.363, 330.438



91, 26.860, 82.951



50, 8.273, 328.790



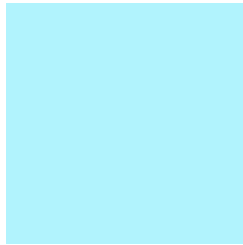
44, 83.950, 334.287



12, 39.100, 333.464

Previews

White Background



This preview shows how the CIE LCh color 92, 21.504, 212.164 looks on a white background.

Color Contrast Check

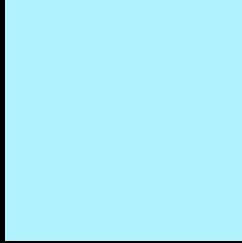
Large Text (above 18pt) WCAG AA × Fail

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, 21.504, 212.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

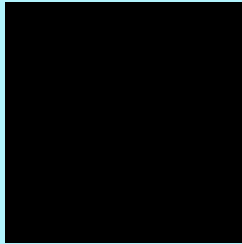
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 21.504, 212.164

Background



This preview shows how black text looks on a background with the CIELCh color 92, 21.504, 212.164.

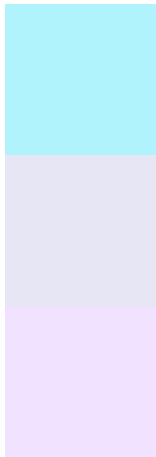


This preview shows how white text looks on a background with the CIELCh color 92, 21.504, 212.164.

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, 21.504, 212.164

Protanopia
92, 7.786, 293.355

Deuteranopia
92, 15.961, 310.170

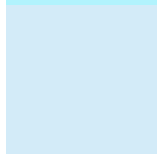


Tritanopia
92, 17.182, 225.536

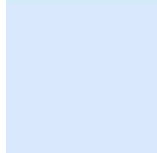
Trichromacy



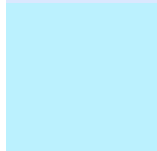
Original Color
92, 21.504, 212.164



Protanomaly
92, 10.393, 239.516



Deuteranomaly
92, 12.220, 268.434

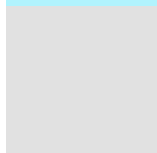


Tritanomaly
92, 18.487, 219.861

Monochromacy



Original Color
92, 21.504, 212.164



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 8.381, 209.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 21.504, 212.164 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(177, 243, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 243, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 21.504, 212.164 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, 253) }
```

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

```
.border{ border-color:rgb(177, 243, 253) }
```

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, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 243, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 243, 253);  
box-shadow:4px 4px 4px 4px rgb(177, 243,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 21.504, 212.164 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, 253) }
```

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

```
.background{ background-color: rgb(177,  
243, 253) }
```

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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