

Converting Colors

CIELCh(92, 35.023, 197.237)

Have a look what the booklet for
CIELCh(92, 35.023, 197.237)
contains.

CIELCh(92, 35.115, 197.237)	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, 35.115, 197.237)

Conversions

Conversions Part 1

Format	Color
Hex	84FBFB
RGB	132, 251, 251
RGB Percent	52%, 98%, 98%
CMY	0.4832, 0.0165, 0.0165
CMYK	0.47, 0.00, 0.00, 0.02
HSL	180°, 93%, 75%
HSV	180°, 47%, 98%
XYZ	61.2939, 80.7044, 103.4433
YIQ	215.4190, -70.9240, -25.2280

Conversions

Conversions Part 2

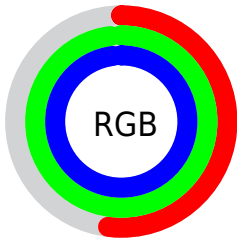
Format	Color
RYB	132, 192, 251
Decimal	8715259
CIELab	92.00, -33.54, -10.41
CIElCh	92, 35.115, 197.237
Yxy	80.7044, 0.2497, 0.3288
Android (android.graphics.Color)	4286905339 (0xFF84FBFB)
YUV	215.4190, 17.5414, -73.1585
Hunter-Lab	89.8356, -35.4237, -5.3859

Details

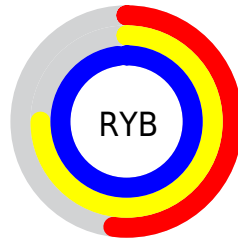
The CIELCh color **92, 35.115, 197.237** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **68, 49.732, 24.715**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.509, 198.155**, and **72, 34.977, 197.708** is the 20% darker color. If you saturate the color by 10%, you get **91, 40.100, 196.936**, and if you desaturate by 10%, it is **93, 29.129, 197.600**.

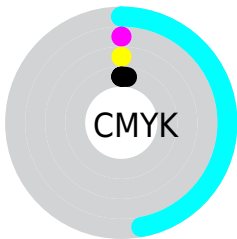
Distribution



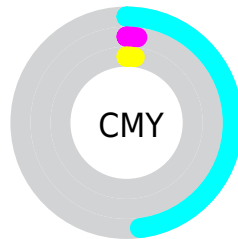
- Red (52%)
- Green (98%)
- Blue (98%)



- Red (52%)
- Yellow (75%)
- Blue (98%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (48%)
- Magenta (2%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 35.115, 197.237 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, 35.115, 197.237 by changing the saturation by 10% instead.


 92, 35.115,
197.237


 92, 35.115,
197.237


 100, 35.115,
197.237


 82, 35.115,
197.237

 72, 35.115,
197.237

 62, 35.115,
197.237

 52, 35.115,
197.237

 42, 35.115,
197.237

 32, 35.115,
197.237

 22, 35.115,

197.237

■ 12, 35.115,
197.237

■ 2, 35.115, 197.237

■ 92, 35.115,
197.237

■ 92, 35.115,
197.237

■ 91, 40.100,
196.936

■ 93, 29.129,
197.600

■ 91, 44.005,
196.705

■ 94, 22.259,
198.028

■ 90, 46.805,
196.541

■ 96, 14.645,
198.517

■ 90, 48.544,
196.440

■ 97, 6.429, 199.094

■ 99, 1.478, 19.057

90, 49.357,
196.393

99, 1.478, 19.055

99, 1.478, 19.052

90, 49.488,
196.385

99, 1.478, 19.049

99, 1.478, 19.046

Harmonies

Complementary

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



92, 35.115, 197.237



68, 49.732, 24.715

Rectangle

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



92, 35.115, 197.237



92, 35.115, 247.237



92, 35.115, 17.237



92, 35.115, 67.237

Sweetspot

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



92, 35.115, 197.235



98, 12.029, 198.702



90, 73.133, 140.246



52, 8.252, 198.585



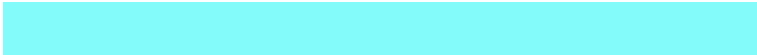
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 35.115, 197.235



93, 40.426, 196.947



76, 34.782, 262.442



51, 4.864, 198.963



69, 39.963, 196.385



23, 18.081, 196.386

Inverse Universe

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



68, 49.732, 24.715



65, 62.086, 26.883



81, 40.589, 67.748



49, 5.167, 19.941



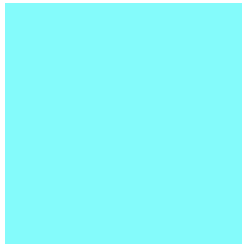
39, 83.391, 40.000



9, 32.195, 26.139

Previews

White Background



This preview shows how the CIE LCh color 92, 35.115, 197.237 looks on a white background.

Color Contrast Check

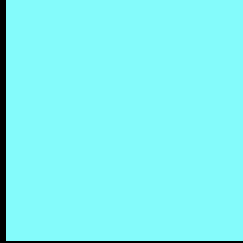
Large Text (above 18pt) WCAG AA × Fail

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, 35.115, 197.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

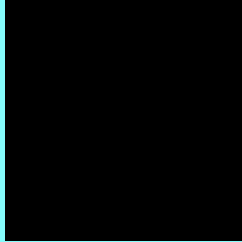
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 35.115, 197.237

Background



This preview shows how black text looks on a background with the CIELCh color 92, 35.115, 197.237.



This preview shows how white text looks on a background with the CIELCh color 92, 35.115, 197.237.

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



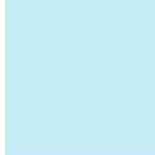


Tritanopia
92, 20.942, 217.097

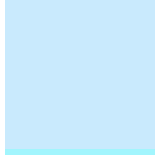
Trichromacy



Original Color
92, 35.115, 197.237



Protanomaly
91, 13.972, 211.501



Deuteranomaly
91, 14.454, 242.064

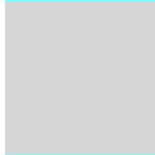


Tritanomaly
92, 26.006, 207.070

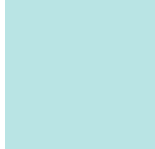
Monochromacy



Original Color
92, 35.115, 197.237



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 14.588, 198.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 35.115, 197.237 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(132, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(132, 251, 251)  
}
```

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(132, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 251, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 35.115, 197.237 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(132, 251, 251) }
```

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

```
.border{ border-color:rgb(132, 251, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 251, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(132, 251,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 35.115, 197.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 251, 251) }
```

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

```
.background{ background-color: rgb(132,  
251, 251) }
```

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