

Converting Colors

CIELCh(96, 47.959, 171.037)

Have a look what the booklet for
CIELCh(96, 47.959, 171.037)
contains.

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Color

CIELCh(92, 42.035, 176.551)

Conversions

Conversions Part 1

Format	Color
Hex	7FFEE2
RGB	127, 254, 226
RGB Percent	50%, 100%, 89%
CMY	0.5030, 0.0048, 0.1145
CMYK	0.50, 0.00, 0.11, 0.00
HSL	167°, 98%, 75%
HSV	167°, 50%, 100%
XYZ	57.7788, 80.7044, 84.3416
YIQ	212.8350, -66.7040, -35.6320

Conversions

Conversions Part 2

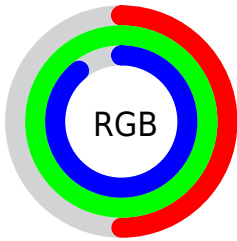
Format	Color
RYB	127, 198, 254
Decimal	8388322
CIELab	92.00, -41.96, 2.53
CIELCh	92, 42.035, 176.551
Yxy	80.7044, 0.2593, 0.3622
Android (android.graphics.Color)	4286578402 (0xFF7FFEE2)
YUV	212.8350, 6.4903, -75.2773
Hunter-Lab	89.8356, -42.4082, 7.2209

Details

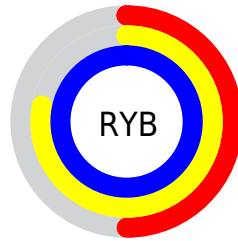
The CIELCh color **92, 42.035, 176.551** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **68, 51.604, 8.808**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.978, 198.063**, and **72, 42.149, 176.523** is the 20% darker color. If you saturate the color by 10%, you get **91, 48.398, 175.239**, and if you desaturate by 10%, it is **93, 34.793, 177.745**.

Distribution



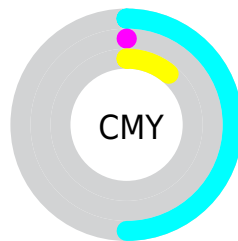
- Red (50%)
- Green (100%)
- Blue (89%)



- Red (50%)
- Yellow (78%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 42.035, 176.551 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, 42.035, 176.551 by changing the saturation by 10% instead.


 92, 42.035,
176.551


 92, 42.035,
176.551


 100, 42.035,
176.551


 82, 42.035,
176.551

 72, 42.035,
176.551

 62, 42.035,
176.551

 52, 42.035,
176.551

 42, 42.035,
176.551

 32, 42.035,
176.551

 22, 42.035,

176.551

■ 12, 42.035,
176.551

■ 2, 42.035, 176.551

■ 92, 42.035,
176.551

■ 92, 42.035,
176.551

■ 91, 48.398,
175.239

■ 93, 34.793,
177.745

■ 90, 53.771,
173.789

■ 94, 26.816,
178.849

■ 90, 58.101,
172.175

■ 96, 18.264,
179.882

■ 90, 61.419,
170.380

■ 98, 9.295, 180.875

■ 100, 0.052,

■ 89, 63.909,
168.444

193.385

100, 0.774,
324.069

Harmonies

Complementary

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



92, 42.035, 176.551



68, 51.604, 8.808

Rectangle

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



92, 42.035, 176.551



92, 42.035, 226.551



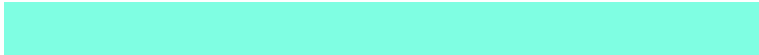
92, 42.035, 356.551



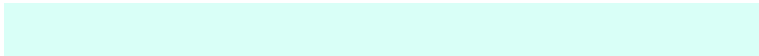
92, 42.035, 46.551

Sweetspot

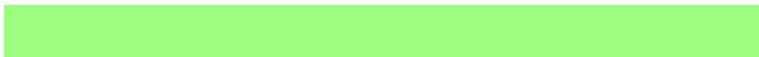
The Sweet Spot groups the original color and five complimentary colors.



92, 42.036, 176.550



97, 13.823, 180.386



91, 72.812, 134.994



51, 9.400, 180.177



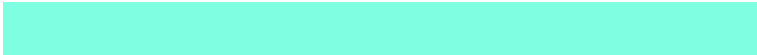
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 42.036, 176.550



91, 48.550, 175.245



83, 31.332, 233.100



52, 5.277, 180.931



69, 51.415, 168.806



23, 22.865, 171.445

Inverse Universe

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



68, 51.604, 8.808



64, 62.072, 11.353



75, 44.675, 45.879



50, 5.469, 2.572



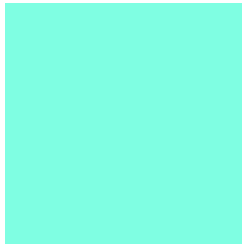
40, 73.975, 28.051



10, 31.867, 17.688

Previews

White Background



This preview shows how the CIE LCh color 92, 42.035, 176.551 looks on a white background.

Color Contrast Check

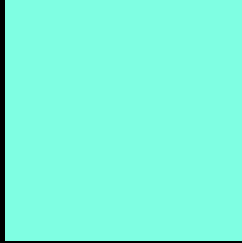
Large Text (above 18pt) WCAG AA × Fail

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, 42.035, 176.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

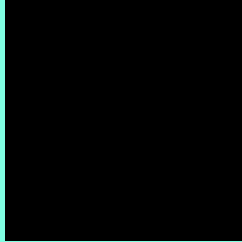
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 42.035, 176.551

Background



This preview shows how black text looks on a background with the CIELCh color 92, 42.035, 176.551.

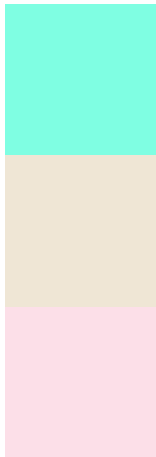


This preview shows how white text looks on a background with the CIELCh color 92, 42.035, 176.551.

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, 42.037, 176.528

Protanopia
92, 9.359, 88.688

Deuteranopia
91, 11.464, 356.317



Tritanopia
92, 20.942, 217.097

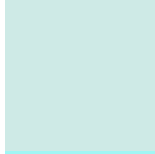
Trichromacy



Original Color
92, 42.037, 176.528



Protanomaly
91, 18.197, 161.536



Deuteranomaly
91, 9.980, 186.756

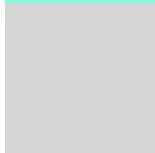


Tritanomaly
92, 27.240, 195.486

Monochromacy



Original Color
92, 42.037, 176.528



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 16.816, 180.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 42.035, 176.551 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(127, 254, 226)` looks like.

```
.text, #text, p{  
    color:rgb(127, 254, 226)  
}
```

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(127, 254, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 254, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 42.035, 176.551 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(127, 254, 226) }
```

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

```
.border{ border-color:rgb(127, 254, 226) }
```

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

Here you see how a box with a 4 pixel rgb(127, 254, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 254, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 254, 226);  
box-shadow:4px 4px 4px 4px rgb(127, 254,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 42.035, 176.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 254, 226) }
```

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

```
.background{ background-color: rgb(127,  
254, 226) }
```

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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