

Converting Colors

CIELCh(92, 43.314, 170.757)

Have a look what the booklet for
CIELCh(92, 43.314, 170.757)
contains.

CIELCh(92, 43.462, 170.513)	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, 43.462, 170.513)

Conversions

Conversions Part 1

Format	Color
Hex	84FED9
RGB	132, 254, 217
RGB Percent	52%, 100%, 85%
CMY	0.4828, 0.0044, 0.1495
CMYK	0.48, 0.00, 0.15, 0.00
HSL	162°, 98%, 76%
HSV	162°, 48%, 100%
XYZ	57.4077, 80.7044, 78.1168
YIQ	213.3040, -60.8350, -37.3710

Conversions

Conversions Part 2

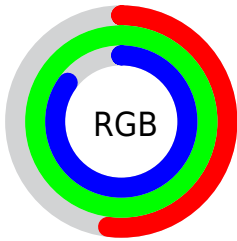
Format	Color
RYB	132, 204, 254
Decimal	8715993
CIELab	92.00, -42.87, 7.16
CIELCh	92, 43.462, 170.513
Yxy	80.7044, 0.2655, 0.3732
Android (android.graphics.Color)	4286906073 (0xFF84FED9)
YUV	213.3040, 1.8221, -71.3036
Hunter-Lab	89.8356, -43.1455, 11.3292

Details

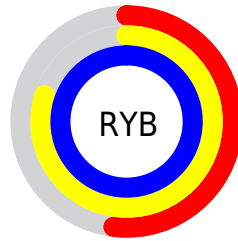
The CIELCh color **92, 43.462, 170.513** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70, 50.176, 2.151**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.805, 198.137**, and **72, 43.645, 170.216** is the 20% darker color. If you saturate the color by 10%, you get **91, 50.805, 169.088**, and if you desaturate by 10%, it is **93, 35.330, 171.794**.

Distribution



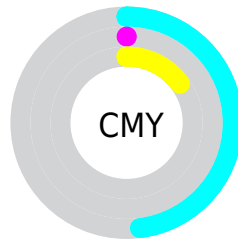
- Red (52%)
- Green (100%)
- Blue (85%)



- Red (52%)
- Yellow (80%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 43.462, 170.513 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, 43.462, 170.513 by changing the saturation by 10% instead.


 92, 43.462,
170.513


 92, 43.462,
170.513


 100, 43.462,
170.513


 82, 43.462,
170.513

 72, 43.462,
170.513

 62, 43.462,
170.513

 52, 43.462,
170.513

 42, 43.462,
170.513

 32, 43.462,
170.513

 22, 43.462,

170.513

■ 12, 43.462,
170.513

■ 2, 43.462, 170.513

■ 92, 43.462,
170.513

■ 92, 43.462,
170.513

■ 91, 50.805,
169.088

■ 93, 35.330,
171.794

■ 90, 57.224,
167.498

■ 95, 26.566,
172.961

■ 90, 62.640,
165.717

■ 96, 17.338,
174.037

■ 89, 67.052,
163.731

■ 98, 7.803, 175.061

100, 0.704,

■ 89, 70.580,
161.556

324.027

■ 89, 71.220,
161.134

Harmonies

Complementary

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



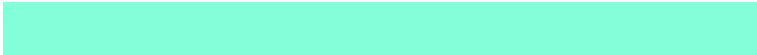
92, 43.462, 170.513



70, 50.176, 2.151

Rectangle

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



92, 43.462, 170.513



92, 43.462, 220.513



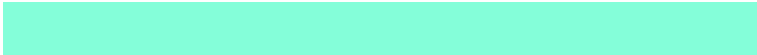
92, 43.462, 350.513



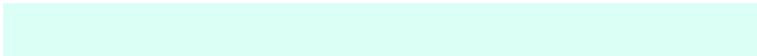
92, 43.462, 40.513

Sweetspot

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



92, 43.463, 170.512



97, 13.548, 174.454



92, 68.373, 132.782



52, 9.333, 174.233



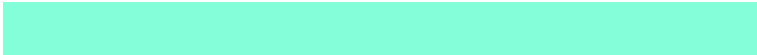
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 43.463, 170.512



91, 50.946, 169.095



87, 30.773, 220.286



52, 5.522, 174.912



69, 57.180, 161.541



23, 25.115, 164.548

Inverse Universe

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



70, 50.176, 2.151



65, 60.380, 4.412



73, 44.510, 38.336



50, 5.675, 356.589



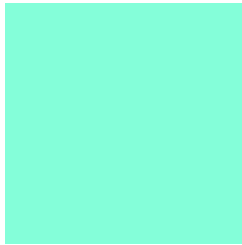
40, 70.574, 20.969



10, 31.448, 12.522

Previews

White Background



This preview shows how the CIE LCh color 92, 43.462, 170.513 looks on a white background.

Color Contrast Check

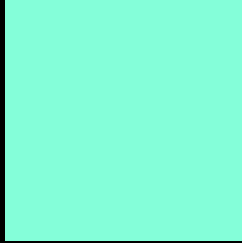
Large Text (above 18pt) WCAG AA × Fail

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, 43.462, 170.513 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

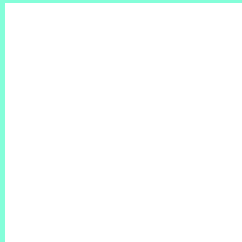
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 43.462, 170.513

Background



This preview shows how black text looks on a background with the CIELCh color 92, 43.462, 170.513.

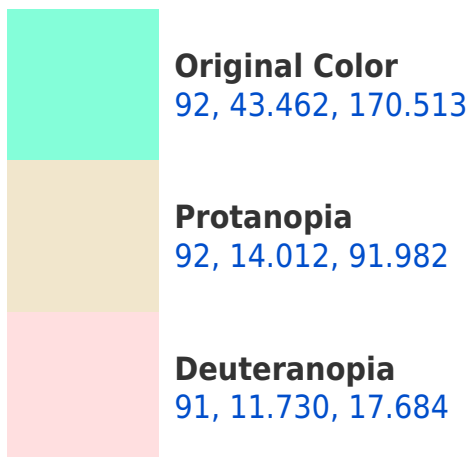


This preview shows how white text looks on a background with the CIELCh color 92, 43.462, 170.513.

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, 20.255, 219.400

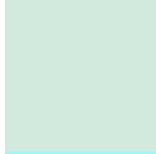
Trichromacy



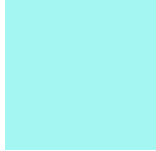
Original Color
92, 43.462, 170.513



Protanomaly
91, 20.756, 149.814



Deuteranomaly
91, 10.930, 160.676

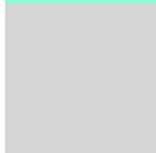


Tritanomaly
92, 26.747, 192.108

Monochromacy



Original Color
92, 43.462, 170.513



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 17.128, 172.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 43.462, 170.513 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, 254, 217)` looks like.

```
.text, #text, p{  
    color:rgb(132, 254, 217)  
}
```

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, 254, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 254, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 43.462, 170.513 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, 254, 217) }
```

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

```
.border{ border-color:rgb(132, 254, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 254, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 254, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 254, 217);  
box-shadow:4px 4px 4px 4px rgb(132, 254,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 43.462, 170.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 254, 217) }
```

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

```
.background{ background-color: rgb(132,  
254, 217) }
```

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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