

Converting Colors

CIELCh(92, 44.166, 170.461)

Have a look what the booklet for
CIELCh(92, 44.166, 170.461)
contains.

CIELCh(92, 43.891, 170.754)	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, 43.891, 170.754)

Conversions

Conversions Part 1

Format	Color
Hex	82FED9
RGB	130, 254, 217
RGB Percent	51%, 100%, 85%
CMY	0.4898, 0.0036, 0.1487
CMYK	0.49, 0.00, 0.15, 0.00
HSL	162°, 99%, 75%
HSV	162°, 49%, 100%
XYZ	57.2232, 80.7044, 78.2628
YIQ	212.7060, -62.0270, -37.7950

Conversions

Conversions Part 2

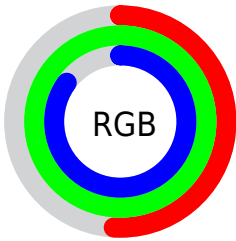
Format	Color
R_{YB}	130, 203, 254
Decimal	8584921
CIE _{Lab}	92.00, -43.32, 7.05
CIE _{LCh}	92, 43.891, 170.754
Y _{xy}	80.7044, 0.2647, 0.3733
Android (android.graphics.Color)	4286775001 (0xFF82FED9)
Y _{UV}	212.7060, 2.1169, -72.5332
Hunter-Lab	89.8356, -43.5120, 11.2328

Details

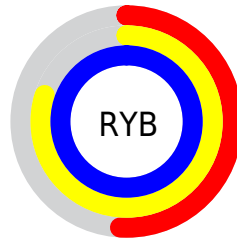
The CIELCh color **92, 43.891, 170.754** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **69, 50.927, 2.657**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.394, 198.100**, and **72, 44.130, 170.477** is the 20% darker color. If you saturate the color by 10%, you get **91, 51.126, 169.323**, and if you desaturate by 10%, it is **93, 35.851, 172.041**.

Distribution



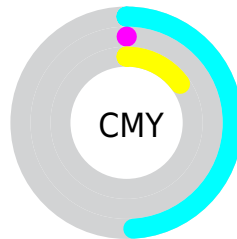
- Red (51%)
- Green (100%)
- Blue (85%)



- Red (51%)
- Yellow (80%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 43.891, 170.754 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, 43.891, 170.754 by changing the saturation by 10% instead.


 92, 43.891,
170.754


 92, 43.891,
170.754


 100, 43.891,
170.754


 82, 43.891,
170.754

 72, 43.891,
170.754

 62, 43.891,
170.754

 52, 43.891,
170.754

 42, 43.891,
170.754

 32, 43.891,
170.754

 22, 43.891,

170.754

■ 12, 43.891,
170.754

■ 2, 43.891, 170.754

■ 92, 43.891,
170.754

■ 92, 43.891,
170.754

■ 91, 51.126,
169.323

■ 93, 35.851,
172.041

■ 90, 57.426,
167.727

■ 95, 27.163,
173.212

■ 90, 62.718,
165.939

■ 96, 17.994,
174.292

■ 89, 67.008,
163.946

■ 98, 8.503, 175.318

100, 0.574,

■ 89, 70.440,
161.775

323.956

■ 89, 70.829,
161.516

100, 0.575,
323.923

Harmonies

Complementary

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



92, 43.891, 170.754



69, 50.927, 2.657

Rectangle

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



92, 43.891, 170.754



92, 43.891, 220.754



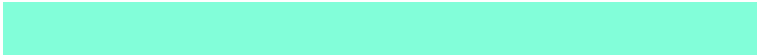
92, 43.891, 350.754



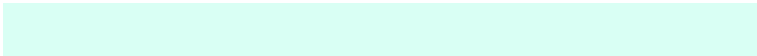
92, 43.891, 40.754

Sweetspot

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



92, 43.892, 170.753



97, 14.458, 174.685



92, 69.763, 133.227



51, 9.842, 174.468



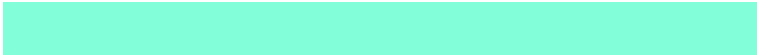
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 43.892, 170.753



91, 51.408, 169.292



86, 30.959, 222.819



52, 5.506, 175.245



69, 56.834, 161.923



23, 24.979, 164.914

Inverse Universe

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



69, 50.927, 2.657



65, 61.300, 5.035



74, 44.909, 39.818



50, 5.662, 356.923



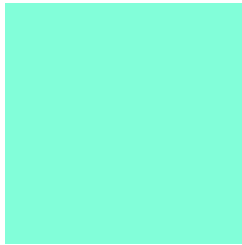
40, 70.737, 21.404



10, 31.467, 12.859

Previews

White Background



This preview shows how the CIE LCh color 92, 43.891, 170.754 looks on a white background.

Color Contrast Check

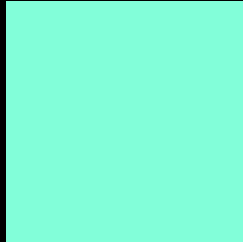
Large Text (above 18pt) WCAG AA × Fail

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, 43.891, 170.754 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, 43.891, 170.754

Background



This preview shows how black text looks on a background with the CIELCh color 92, 43.891, 170.754.

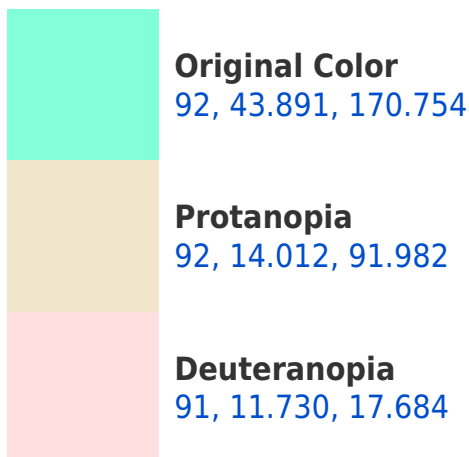



This preview shows how white text looks on a background with the CIELCh color 92, 43.891, 170.754.

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](#).

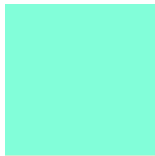
Dichromacy





Tritanopia
92, 20.524, 219.096

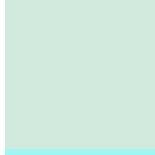
Trichromacy



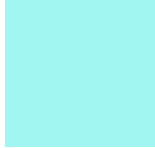
Original Color
92, 43.891, 170.754



Protanomaly
91, 20.756, 149.814



Deuteranomaly
91, 10.930, 160.676

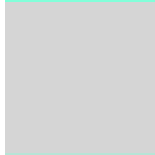


Tritanomaly
92, 27.020, 192.146

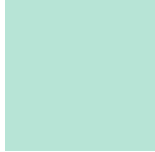
Monochromacy



Original Color
92, 43.891, 170.754



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 17.427, 173.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 43.891, 170.754 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(130, 254, 217)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 254, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 254, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 43.891, 170.754 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(130, 254, 217) }
```

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

```
.border{ border-color:rgb(130, 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(130, 254, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 254, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 254, 217);  
box-shadow:4px 4px 4px 4px rgb(130, 254,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 43.891, 170.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 254, 217) }
```

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

```
.background{ background-color: rgb(130,  
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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