

Converting Colors

CIELCh(92, 41.946, 182.057)

Have a look what the booklet for
CIELCh(92, 41.946, 182.057)
contains.

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Color

CIELCh(92, 41.776, 182.358)

Conversions

Conversions Part 1

Format	Color
Hex	77FEEA
RGB	119, 254, 234
RGB Percent	47%, 100%, 92%
CMY	0.5335, 0.0041, 0.0826
CMYK	0.53, 0.00, 0.08, 0.00
HSL	171°, 98%, 73%
HSV	171°, 53%, 100%
XYZ	57.8681, 80.7044, 90.3293
YIQ	211.3550, -74.0400, -34.8400

Conversions

Conversions Part 2

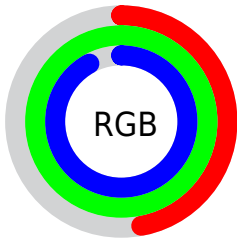
Format	Color
RYB	119, 192, 254
Decimal	7864042
CIELab	92.00, -41.74, -1.72
CIElCh	92, 41.776, 182.358
Yxy	80.7044, 0.2528, 0.3526
Android (android.graphics.Color)	4286054122 (0xFF77FEEA)
YUV	211.3550, 11.1640, -80.9953
Hunter-Lab	89.8356, -42.2306, 3.2691

Details

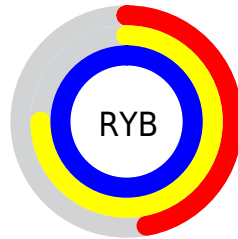
The CIELCh color **92, 41.776, 182.358** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **67, 55.055, 15.038**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.987, 197.938**, and **72, 41.982, 181.888** is the 20% darker color. If you saturate the color by 10%, you get **91, 47.199, 181.238**, and if you desaturate by 10%, it is **93, 35.381, 183.395**.

Distribution



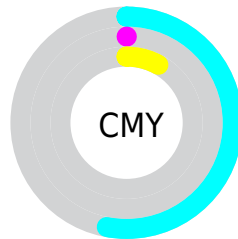
- Red (47%)
- Green (100%)
- Blue (92%)



- Red (47%)
- Yellow (75%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (53%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 41.776, 182.358 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, 41.776, 182.358 by changing the saturation by 10% instead.


 92, 41.776,
182.358


 92, 41.776,
182.358


 100, 41.776,
182.358


 82, 41.776,
182.358

 72, 41.776,
182.358

 62, 41.776,
182.358

 52, 41.776,
182.358

 42, 41.776,
182.358

 32, 41.776,
182.358

 22, 41.776,

182.358

■ 12, 41.776,
182.358

■ 2, 41.776, 182.358

■ 92, 41.776,
182.358

■ 92, 41.776,
182.358

■ 91, 47.199,
181.238

■ 93, 35.381,
183.395

■ 91, 51.567,
180.017

■ 94, 28.140,
184.372

■ 90, 54.861,
178.672

■ 96, 20.203,
185.305

■ 90, 57.151,
177.186

■ 97, 11.727,
186.213

■ 90, 58.285,
176.104

■ 99, 2.859, 187.235
100, 0.661,
323.997

Harmonies

Complementary

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



92, 41.776, 182.358



67, 55.055, 15.038

Rectangle

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



92, 41.776, 182.358



92, 41.776, 232.358



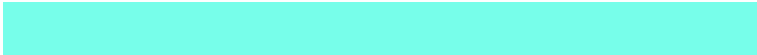
92, 41.776, 2.358



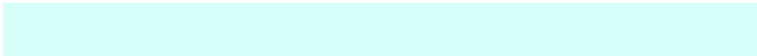
92, 41.776, 52.358

Sweetspot

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



92, 41.776, 182.356



97, 14.227, 185.956



91, 78.894, 136.839



51, 9.565, 185.769



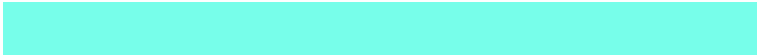
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 41.776, 182.356



91, 47.763, 181.138



79, 34.080, 246.441



52, 5.115, 186.549



69, 46.946, 176.395



23, 21.136, 178.483

Inverse Universe

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



67, 55.055, 15.038



62, 66.810, 18.137



76, 46.691, 53.781



50, 5.344, 8.075



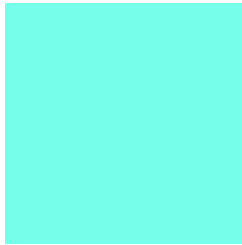
40, 77.572, 33.196



10, 32.291, 21.096

Previews

White Background



This preview shows how the CIE LCh color 92, 41.776, 182.358 looks on a white background.

Color Contrast Check

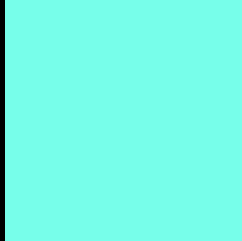
Large Text (above 18pt) WCAG AA × Fail

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, 41.776, 182.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

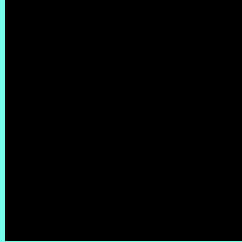
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

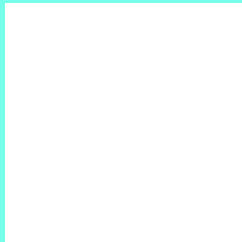
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 41.776, 182.358

Background



This preview shows how black text looks on a background with the CIELCh color 92, 41.776, 182.358.

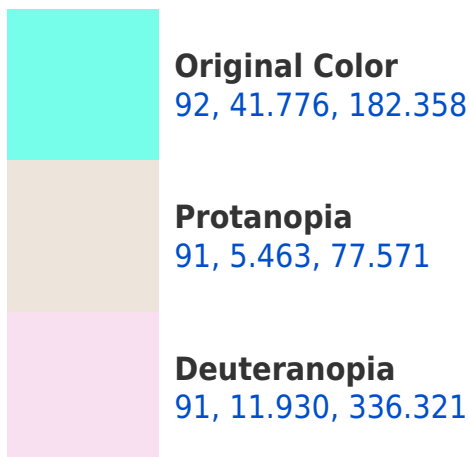


This preview shows how white text looks on a background with the CIELCh color 92, 41.776, 182.358.

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



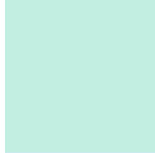


Tritanopia
92, 21.481, 216.576

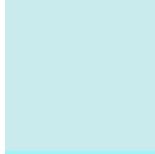
Trichromacy



Original Color
92, 41.776, 182.358



Protanomaly
91, 16.756, 174.540



Deuteranomaly
91, 11.619, 206.430

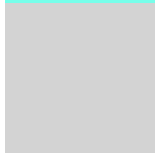


Tritanomaly
92, 28.054, 198.714

Monochromacy



Original Color
92, 41.776, 182.358



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 17.384, 184.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 41.776, 182.358 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(119, 254, 234)` looks like.

```
.text, #text, p{  
    color:rgb(119, 254, 234)  
}
```

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(119, 254, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 254, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 41.776, 182.358 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(119, 254, 234) }
```

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

```
.border{ border-color:rgb(119, 254, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 254, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 254, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 254, 234);  
box-shadow:4px 4px 4px 4px rgb(119, 254,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 41.776, 182.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 254, 234) }
```

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

```
.background{ background-color: rgb(119,  
254, 234) }
```

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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