

Converting Colors

CIELCh(100, 45.870, 196.475)

Have a look what the booklet for
CIELCh(100, 45.870, 196.475)
contains.

CIELCh(92, 41.067, 196.910)	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, 41.067, 196.910)

Conversions

Conversions Part 1

Format	Color
Hex	68FEFE
RGB	104, 254, 254
RGB Percent	41%, 100%, 100%
CMY	0.5908, 0.0056, 0.0055
CMYK	0.59, 0.00, 0.00, 0.01
HSL	180°, 98%, 70%
HSV	180°, 59%, 99%
XYZ	58.8773, 80.7044, 105.8926
YIQ	209.1500, -89.4000, -31.8000

Conversions

Conversions Part 2

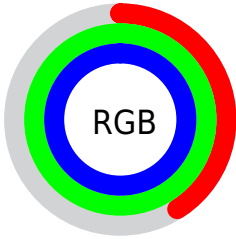
Format	Color
RYB	104, 179, 254
Decimal	6881022
CIELab	92.00, -39.29, -11.95
CIELCh	92, 41.067, 196.910
Yxy	80.7044, 0.2399, 0.3288
Android (android.graphics.Color)	4285071102 (0xFF68FEFE)
YUV	209.1500, 22.1111, -92.2165
Hunter-Lab	89.8356, -40.2254, -7.0024

Details

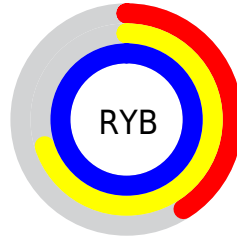
The CIELCh color **92, 41.067, 196.910** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **63, 64.065, 27.366**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.023, 197.751**, and **72, 41.267, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **91, 44.846, 196.688**, and if you desaturate by 10%, it is **93, 36.189, 197.197**.

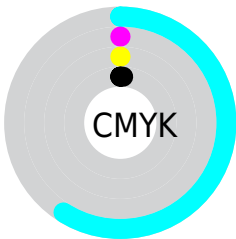
Distribution



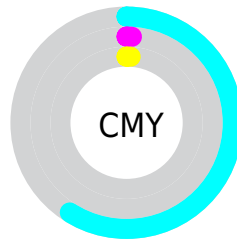
- Red (41%)
- Green (100%)
- Blue (100%)



- Red (41%)
- Yellow (70%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (59%)
- Magenta (1%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 41.067, 196.910 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, 41.067, 196.910 by changing the saturation by 10% instead.


 92, 41.067,
196.910


 92, 41.067,
196.910


 100, 41.067,
196.910


 82, 41.067,
196.910

 72, 41.067,
196.910

 62, 41.067,
196.910

 52, 41.067,
196.910

 42, 41.067,
196.910

 32, 41.067,
196.910

 22, 41.067,

196.910

■ 12, 41.067,
196.910

■ 2, 41.067, 196.910

■ 92, 41.067,
196.910

■ 92, 41.067,
196.910

■ 91, 44.846,
196.688

■ 93, 36.189,
197.197

■ 91, 47.512,
196.534

■ 94, 30.288,
197.553

■ 91, 49.119,
196.442

■ 95, 23.475,
197.971

■ 91, 49.840,
196.402

■ 96, 15.890,
198.452

91, 49.899,
196.399

98, 7.677, 199.010
100, 0.495, 18.119
100, 0.495, 18.236
100, 0.494, 18.354
100, 0.493, 18.471

Harmonies

Complementary

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



92, 41.067, 196.910



63, 64.065, 27.366

Rectangle

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



92, 41.067, 196.910



92, 41.067, 246.910



92, 41.067, 16.910



92, 41.067, 66.910

Sweetspot

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



92, 41.067, 196.908



97, 15.281, 198.496



89, 89.595, 139.286



51, 10.519, 198.348



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, 41.067, 196.908



92, 45.710, 196.649



71, 43.955, 267.808



52, 4.945, 198.970



70, 40.360, 196.399



24, 18.568, 196.397

Inverse Universe

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



68, 88.664, 327.426



64, 101.844, 327.823



79, 52.243, 67.921



50, 9.056, 324.949



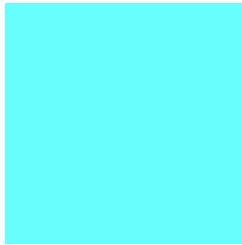
45, 93.077, 328.236



12, 42.820, 328.235

Previews

White Background



This preview shows how the CIE LCh color 92, 41.067, 196.910 looks on a white background.

Color Contrast Check

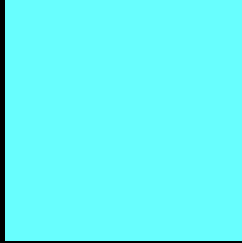
Large Text (above 18pt) WCAG AA × Fail

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, 41.067, 196.910 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, 41.067, 196.910

Background



This preview shows how black text looks on a background with the CIELCh color 92, 41.067, 196.910.

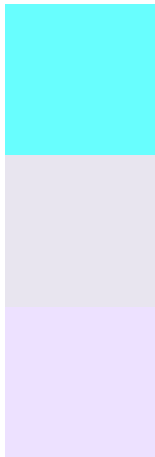


This preview shows how white text looks on a background with the CIELCh color 92, 41.067, 196.910.

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, 41.211, 196.894

Protanopia

91, 5.309, 302.033

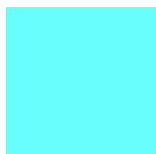
Deuteranopia

91, 16.166, 306.105

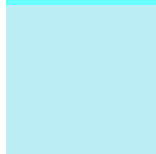


Tritanopia
92, 22.462, 214.279

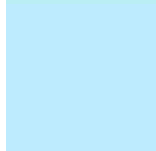
Trichromacy



Original Color
92, 41.211, 196.894



Protanomaly
91, 17.303, 208.775

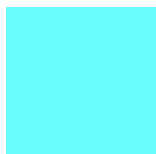


Deuteranomaly
91, 17.575, 232.948

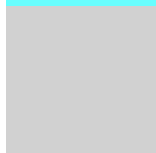


Tritanomaly
92, 29.798, 204.640

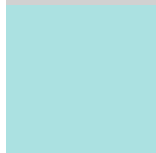
Monochromacy



Original Color
92, 41.211, 196.894



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 18.056, 198.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 41.067, 196.910 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(104, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(104, 254, 254)  
}
```

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(104, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 254, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 41.067, 196.910 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(104, 254, 254) }
```

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

```
.border{ border-color:rgb(104, 254, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(104, 254,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 41.067, 196.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 254, 254) }
```

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

```
.background{ background-color: rgb(104,  
254, 254) }
```

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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