

Converting Colors

CIELCh(92, 42.265, 192.530)

Have a look what the booklet for
CIELCh(92, 42.265, 192.530)
contains.

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Color

CIElCh(92, 42.170, 192.545)

Conversions

Conversions Part 1

Format	Color
Hex	67FEF8
RGB	103, 254, 248
RGB Percent	40%, 100%, 97%
CMY	0.5951, 0.0031, 0.0266
CMYK	0.59, 0.00, 0.02, 0.00
HSL	178°, 99%, 70%
HSV	178°, 59%, 100%
XYZ	58.1050, 80.7044, 101.4893
YIQ	208.1670, -88.0700, -33.8780

Conversions

Conversions Part 2

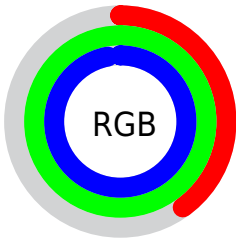
Format	Color
RYB	103, 180, 254
Decimal	6815480
CIELab	92.00, -41.16, -9.16
CIELCh	92, 42.170, 192.545
Yxy	80.7044, 0.2418, 0.3359
Android (android.graphics.Color)	4285005560 (0xFF67FEF8)
YUV	208.1670, 19.6377, -92.2315
Hunter-Lab	89.8356, -41.7600, -4.0963

Details

The CIELCh color **92, 42.170, 192.545** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **63, 63.784, 24.733**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.559, 197.719**, and **72, 42.088, 192.548** is the 20% darker color. If you saturate the color by 10%, you get **91, 46.119, 192.008**, and if you desaturate by 10%, it is **93, 37.130, 193.093**.

Distribution



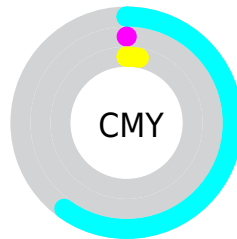
- Red (40%)
- Green (100%)
- Blue (97%)



- Red (40%)
- Yellow (71%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 42.170, 192.545 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, 42.170, 192.545 by changing the saturation by 10% instead.


 92, 42.170,
192.545


 92, 42.170,
192.545


 100, 42.170,
192.545


 82, 42.170,
192.545

 72, 42.170,
192.545

 62, 42.170,
192.545

 52, 42.170,
192.545

 42, 42.170,
192.545

 32, 42.170,
192.545

 22, 42.170,

192.545

■ 12, 42.170,
192.545

■ 2, 42.170, 192.545

■ 92, 42.170,
192.545

■ 92, 42.170,
192.545

■ 91, 46.119,
192.008

■ 93, 37.130,
193.093

■ 91, 48.956,
191.478

■ 94, 31.081,
193.665

■ 91, 50.730,
190.940

■ 95, 24.144,
194.262

■ 91, 51.626,
190.386

■ 96, 16.461,
194.889

■ 91, 51.670,
190.352

■ 98, 8.181, 195.564
100, 0.280, 10.558

100, 0.498,
323.838

Harmonies

Complementary

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



92, 42.170, 192.545



63, 63.784, 24.733

Rectangle

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



92, 42.170, 192.545



92, 42.170, 242.545



92, 42.170, 12.545



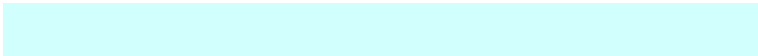
92, 42.170, 62.545

Sweetspot

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



92, 42.170, 192.543



97, 15.386, 194.978



90, 89.356, 138.356



51, 10.600, 194.791



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, 42.170, 192.543



92, 46.766, 191.922



73, 41.532, 262.082



52, 4.968, 195.556



70, 41.689, 190.451



24, 19.097, 191.144

Inverse Universe

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



63, 63.784, 24.733



59, 77.397, 28.446



77, 52.630, 63.010



49, 5.255, 16.724



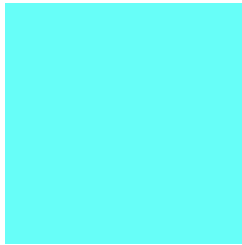
40, 82.516, 38.476



10, 33.043, 25.583

Previews

White Background



This preview shows how the CIE LCh color 92, 42.170, 192.545 looks on a white background.

Color Contrast Check

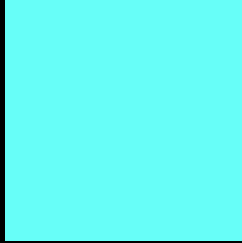
Large Text (above 18pt) WCAG AA × Fail

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, 42.170, 192.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

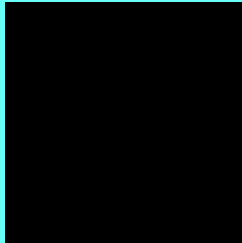
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 42.170, 192.545

Background



This preview shows how black text looks on a background with the CIELCh color 92, 42.170, 192.545.



This preview shows how white text looks on a background with the CIELCh color 92, 42.170, 192.545.

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



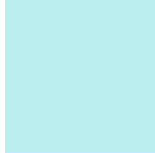


Tritanopia
92, 22.285, 215.847

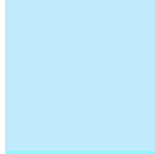
Trichromacy



Original Color
92, 42.170, 192.545



Protanomaly
91, 17.285, 200.036



Deuteranomaly
91, 16.828, 232.549

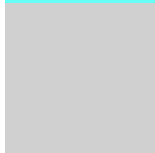


Tritanomaly
91, 29.797, 204.641

Monochromacy



Original Color
92, 42.170, 192.545



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 18.501, 194.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 42.170, 192.545 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(103, 254, 248)` looks like.

```
.text, #text, p{  
    color:rgb(103, 254, 248)  
}
```

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(103, 254, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 254, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 42.170, 192.545 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(103, 254, 248) }
```

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

```
.border{ border-color:rgb(103, 254, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 254, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 254, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 254, 248);  
box-shadow:4px 4px 4px 4px rgb(103, 254,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 42.170, 192.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 254, 248) }
```

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

```
.background{ background-color: rgb(103,  
254, 248) }
```

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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