

Converting Colors

CIELCh(97, 95.046, 282.984)

Have a look what the booklet for
CIELCh(97, 95.046, 282.984)
contains.

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Color

CIElCh(90, 34.192, 207.975)

Conversions

Conversions Part 1

Format	Color
Hex	7EF4FF
RGB	126, 244, 255
RGB Percent	49%, 96%, 100%
CMY	0.5063, 0.0438, 0.0000
CMYK	0.51, 0.04, 0.00, 0.00
HSL	185°, 100%, 75%
HSV	185°, 51%, 100%
XYZ	59.0739, 76.3034, 106.9310
YIQ	209.9720, -73.8590, -21.5950

Conversions

Conversions Part 2

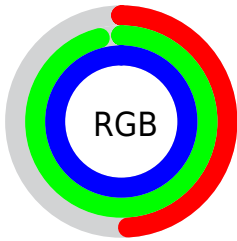
Format	Color
RYB	126, 188, 255
Decimal	8320255
CIELab	90.00, -30.20, -16.04
CIELCh	90, 34.192, 207.975
Yxy	76.3034, 0.2438, 0.3149
Android (android.graphics.Color)	4286510335 (0xFF7EF4FF)
YUV	209.9720, 22.1988, -73.6434
Hunter-Lab	87.3518, -32.1504, -11.4331

Details

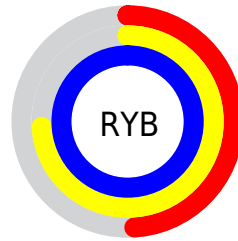
The CIELCh color **90, 34.192, 207.975** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70, 50.813, 31.024**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.269, 198.045**, and **70, 34.171, 207.190** is the 20% darker color. If you saturate the color by 10%, you get **89, 38.450, 207.652**, and if you desaturate by 10%, it is **92, 28.957, 206.960**.

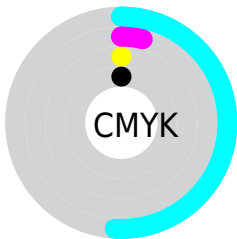
Distribution



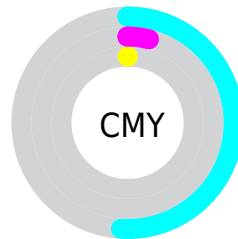
- Red (49%)
- Green (96%)
- Blue (100%)



- Red (49%)
- Yellow (74%)
- Blue (100%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 34.192, 207.975 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 90, 34.192, 207.975 by changing the saturation by 10% instead.


 90, 34.192,
207.975


 90, 34.192,
207.975


 100, 34.192,
207.975


 80, 34.192,
207.975

 70, 34.192,
207.975

 60, 34.192,
207.975

 50, 34.192,
207.975

 40, 34.192,
207.975

 30, 34.192,
207.975

 20, 34.192,

207.975

■ 10, 34.192,
207.975

■ 0, 34.192, 207.975

■ 90, 34.192,
207.975

■ 90, 34.192,
207.975

■ 89, 38.450,
207.652

■ 92, 28.957,
206.960

■ 87, 41.632,
208.318

■ 93, 22.834,
206.871

■ 86, 43.728,
209.244

■ 95, 15.963,
206.918

■ 85, 44.799,
210.456

■ 98, 8.480, 207.095

■ 100, 0.515,

■ 85, 45.067,
211.840

208.535

100, 0.012,
296.813

Harmonies

Complementary

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



90, 34.192, 207.975



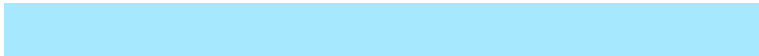
70, 50.813, 31.024

Rectangle

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



90, 34.192, 207.975



90, 34.192, 257.975



90, 34.192, 27.975



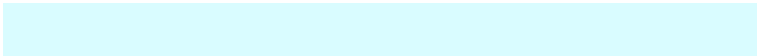
90, 34.192, 77.975

Sweetspot

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



90, 34.200, 207.210



97, 11.816, 207.000



91, 74.813, 142.401



51, 8.010, 206.965



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 34.200, 207.210



89, 38.587, 207.672



72, 42.751, 273.704



52, 4.549, 207.125



65, 36.347, 211.545



22, 16.885, 209.532

Inverse Universe

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



71, 74.128, 329.781



67, 86.449, 330.329



84, 45.857, 77.004



50, 8.537, 327.391



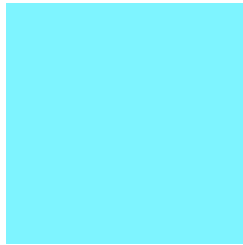
45, 86.965, 332.013



12, 40.336, 331.519

Previews

White Background



This preview shows how the CIE LCh color 90, 34.192, 207.975 looks on a white background.

Color Contrast Check

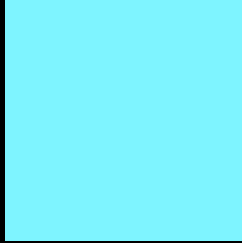
Large Text (above 18pt) WCAG AA × Fail

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 90, 34.192, 207.975 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

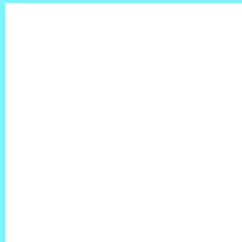
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 34.192, 207.975

Background



This preview shows how black text looks on a background with the CIELCh color 90, 34.192, 207.975.

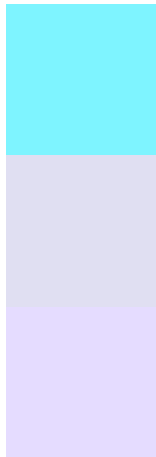


This preview shows how white text looks on a background with the CIELCh color 90, 34.192, 207.975.

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

90, 34.215, 207.059

Protanopia

89, 9.911, 292.986

Deuteranopia

89, 18.555, 301.097

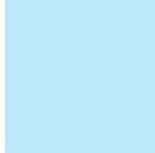


Tritanopia
90, 26.644, 216.232

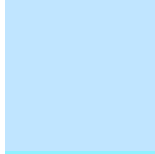
Trichromacy



Original Color
90, 34.215, 207.059



Protanomaly
89, 16.131, 229.892



Deuteranomaly
89, 17.773, 248.796

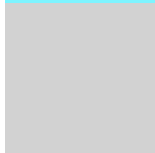


Tritanomaly
90, 29.611, 212.021

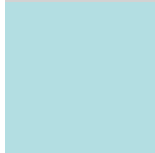
Monochromacy



Original Color
90, 34.215, 207.059



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 14.606, 206.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 34.192, 207.975 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(126, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 244, 255)  
}
```

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(126, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 34.192, 207.975 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(126, 244, 255) }
```

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

```
.border{ border-color:rgb(126, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 244,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 34.192, 207.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 244, 255) }
```

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

```
.background{ background-color: rgb(126,  
244, 255) }
```

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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