

Converting Colors

CIELCh(90, 34.470, 206.422)

Have a look what the booklet for
CIELCh(90, 34.470, 206.422)
contains.

CIELCh(90, 34.441, 206.086)	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(90, 34.441, 206.086)

Conversions

Conversions Part 1

Format	Color
Hex	7DF4FE
RGB	125, 244, 254
RGB Percent	49%, 96%, 100%
CMY	0.5093, 0.0427, 0.0035
CMYK	0.51, 0.04, 0.00, 0.00
HSL	185°, 99%, 74%
HSV	185°, 51%, 100%
XYZ	58.7688, 76.3034, 105.4939
YIQ	209.5590, -74.1340, -22.1180

Conversions

Conversions Part 2

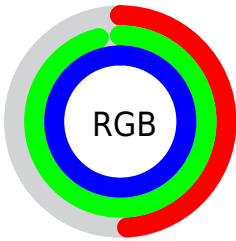
Format	Color
RYB	125, 187, 254
Decimal	8254718
CIELab	90.00, -30.93, -15.14
CIElCh	90, 34.441, 206.086
Yxy	76.3034, 0.2443, 0.3172
Android (android.graphics.Color)	4286444798 (0xFF7DF4FE)
YUV	209.5590, 21.9094, -74.1582
Hunter-Lab	87.3518, -32.7739, -10.4577

Details

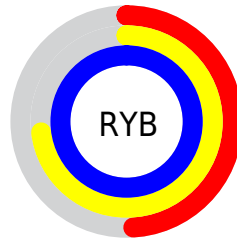
The CIELCh color **90, 34.441, 206.086** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 51.159, 30.414**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.269, 198.045**, and **70, 34.347, 206.172** is the 20% darker color. If you saturate the color by 10%, you get **89, 38.700, 206.444**, and if you desaturate by 10%, it is **92, 29.183, 205.901**.

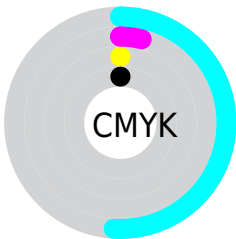
Distribution



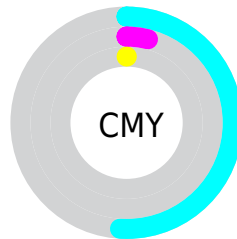
- Red (49%)
- Green (96%)
- Blue (100%)



- Red (49%)
- Yellow (73%)
- 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, 34.441, 206.086 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, 34.441, 206.086 by changing the saturation by 10% instead.


 90, 34.441,
206.086


 90, 34.441,
206.086

 100, 34.441,
206.086


 80, 34.441,
206.086


 70, 34.441,
206.086

 60, 34.441,
206.086

 50, 34.441,
206.086

 40, 34.441,
206.086

 30, 34.441,
206.086

 20, 34.441,

206.086

■ 10, 34.441,
206.086

■ 0, 34.441, 206.086

■ 90, 34.441,
206.086

■ 90, 34.441,
206.086

■ 89, 38.700,
206.444

■ 92, 29.183,
205.901

■ 88, 41.888,
207.010

■ 93, 23.038,
205.868

■ 87, 43.987,
207.811

■ 95, 16.140,
205.962

■ 86, 45.058,
208.871

■ 97, 8.625, 206.179

■ 100, 0.624,

■ 85, 45.327,
210.067

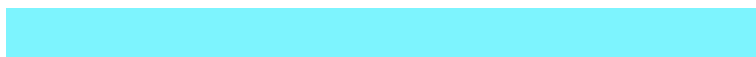
207.429

100, 0.436,
109.968

Harmonies

Complementary

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



90, 34.441, 206.086



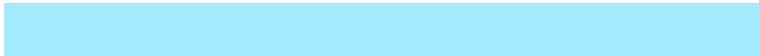
69, 51.159, 30.414

Rectangle

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



90, 34.441, 206.086



90, 34.441, 256.086



90, 34.441, 26.086



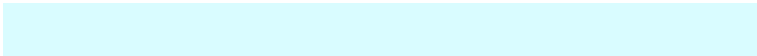
90, 34.441, 76.086

Sweetspot

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



90, 34.441, 206.084



97, 11.911, 206.071



90, 75.618, 141.932



51, 8.074, 206.026



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

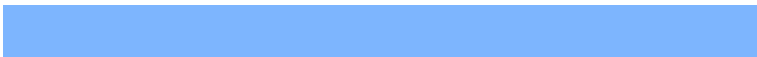
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 34.441, 206.084



89, 38.896, 206.456



73, 41.777, 272.181



52, 4.586, 206.218



66, 36.651, 209.811



22, 17.021, 208.041

Inverse Universe

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



71, 74.533, 329.492



67, 86.970, 330.017



83, 45.491, 75.433



50, 8.590, 327.124



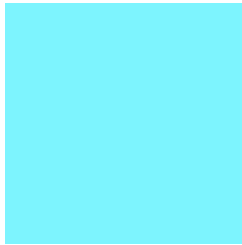
45, 87.578, 331.588



12, 40.587, 331.153

Previews

White Background



This preview shows how the CIE LCh color 90, 34.441, 206.086 looks on a white background.

Color Contrast Check

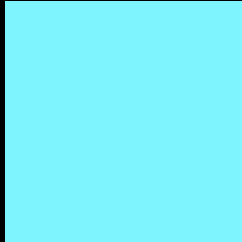
Large Text (above 18pt) WCAG AA × Fail

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, 34.441, 206.086 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, 34.441, 206.086

Background



This preview shows how black text looks on a background with the CIELCh color 90, 34.441, 206.086.

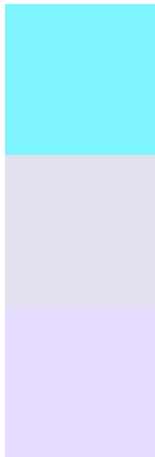


This preview shows how white text looks on a background with the CIELCh color 90, 34.441, 206.086.

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, 34.441, 206.086

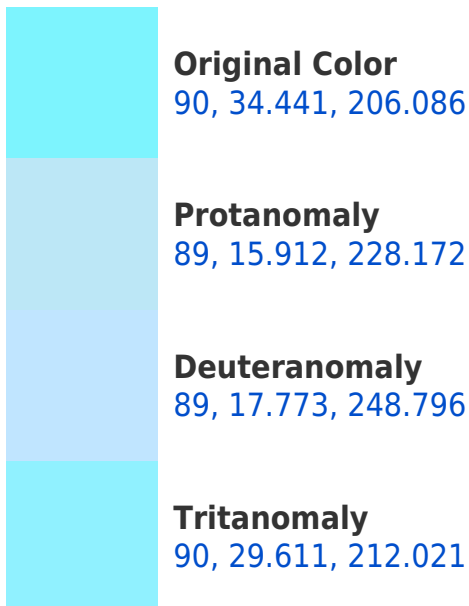
Protanopia
90, 8.852, 290.903

Deuteranopia
90, 18.616, 302.132



Tritanopia
90, 26.644, 216.232

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 34.441, 206.086 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(125, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(125, 244, 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(125, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 244, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 34.441, 206.086 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(125, 244, 254) }
```

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

```
.border{ border-color:rgb(125, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(125, 244,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 34.441, 206.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 244, 254) }
```

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

```
.background{ background-color: rgb(125,  
244, 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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