

Converting Colors

CIELCh(92, 43.602, 246.747)

Have a look what the booklet for
CIELCh(92, 43.602, 246.747)
contains.

CIELCh(90, 35.269, 205.830)	3
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Color

CIElCh(90, 35.269, 205.830)

Conversions

Conversions Part 1

Format	Color
Hex	79F5FF
RGB	121, 245, 255
RGB Percent	47%, 96%, 100%
CMY	0.5236, 0.0411, 0.0019
CMYK	0.52, 0.04, 0.00, 0.00
HSL	185°, 99%, 74%
HSV	185°, 52%, 100%
XYZ	58.4331, 76.3034, 105.8499
YIQ	209.0640, -77.1140, -23.1780

Conversions

Conversions Part 2

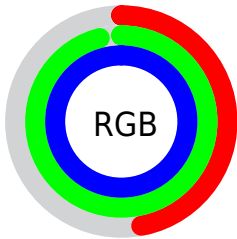
Format	Color
R_{YB}	121, 185, 255
Decimal	7992831
CIE _{Lab}	90.00, -31.75, -15.37
CIE _{LCh}	90, 35.269, 205.830
Yxy	76.3034, 0.2429, 0.3172
Android (android.graphics.Color)	4286182911 (0xFF79F5FF)
YUV	209.0640, 22.6464, -77.2321
Hunter-Lab	87.3518, -33.4599, -10.6994

Details

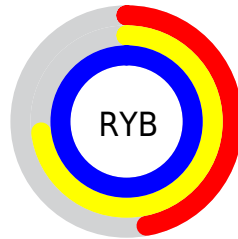
The CIELCh color **90, 35.269, 205.830** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 53.106, 30.495**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.419, 197.974**, and **70, 35.414, 205.817** is the 20% darker color. If you saturate the color by 10%, you get **89, 39.385, 206.195**, and if you desaturate by 10%, it is **91, 30.137, 205.639**.

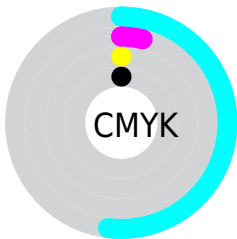
Distribution



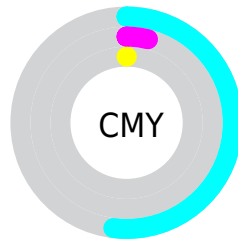
- Red (47%)
- Green (96%)
- Blue (100%)



- Red (47%)
- Yellow (73%)
- Blue (100%)



- Cyan (52%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 35.269, 205.830 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, 35.269, 205.830 by changing the saturation by 10% instead.


 90, 35.269,
205.830


 90, 35.269,
205.830


 100, 35.269,
205.830


 80, 35.269,
205.830

 70, 35.269,
205.830

 60, 35.269,
205.830

 50, 35.269,
205.830

 40, 35.269,
205.830

 30, 35.269,
205.830

 20, 35.269,

205.830

■ 10, 35.269,
205.830

■ 0, 35.269, 205.830

■ 90, 35.269,
205.830

■ 90, 35.269,
205.830

■ 89, 39.385,
206.195

■ 91, 30.137,
205.639

■ 88, 42.418,
206.767

■ 93, 24.098,
205.600

■ 87, 44.365,
207.571

■ 95, 17.281,
205.689

■ 86, 45.297,
208.630

■ 97, 9.824, 205.897

■ 99, 1.862, 206.446

■ 85, 45.487,
209.607

100, 0.232,
109.827

Harmonies

Complementary

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



90, 35.269, 205.830



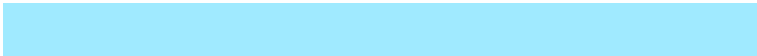
69, 53.106, 30.495

Rectangle

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



90, 35.269, 205.830



90, 35.269, 255.830



90, 35.269, 25.830



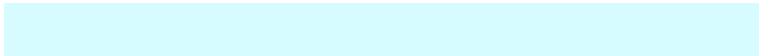
90, 35.269, 75.830

Sweetspot

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



90, 35.269, 205.828



96, 12.694, 205.805



90, 77.740, 141.751



51, 8.515, 205.762



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, 35.269, 205.828



89, 39.703, 206.230



72, 43.070, 272.619



52, 4.595, 205.980



66, 36.736, 209.359



22, 17.059, 207.652

Inverse Universe

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



71, 76.667, 329.493



66, 89.244, 330.032



83, 47.000, 75.215



50, 8.604, 327.054



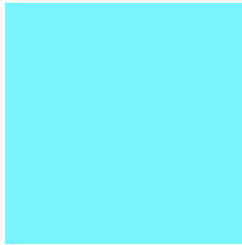
45, 87.741, 331.477



12, 40.653, 331.058

Previews

White Background



This preview shows how the CIE LCh color 90, 35.269, 205.830 looks on a white background.

Color Contrast Check

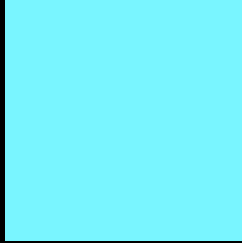
Large Text (above 18pt) WCAG AA × Fail

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, 35.269, 205.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

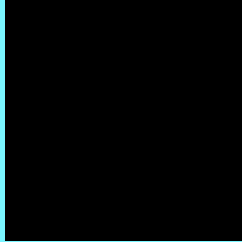
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 35.269, 205.830

Background



This preview shows how black text looks on a background with the CIELCh color 90, 35.269, 205.830.

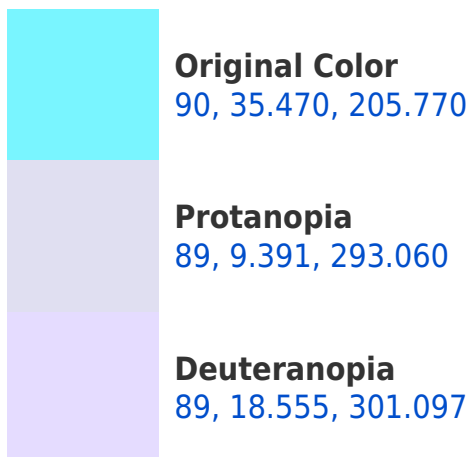



This preview shows how white text looks on a background with the CIELCh color 90, 35.269, 205.830.

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



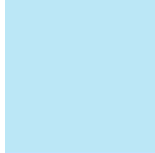


Tritanopia
90, 26.886, 216.047

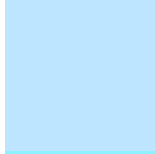
Trichromacy



Original Color
90, 35.470, 205.770



Protanomaly
89, 16.179, 227.623



Deuteranomaly
89, 18.172, 247.312

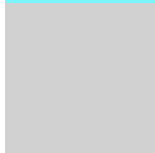


Tritanomaly
90, 30.072, 211.770

Monochromacy



Original Color
90, 35.470, 205.770



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 15.230, 206.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 35.269, 205.830 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(121, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 245, 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(121, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 245, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 35.269, 205.830 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(121, 245, 255) }
```

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

```
.border{ border-color:rgb(121, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 245, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 245, 255); box-shadow:4px 4px 4px 4px rgb(121, 245, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 35.269, 205.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 245, 255) }
```

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

```
.background{ background-color: rgb(121,  
245, 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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