

Converting Colors

CIELCh(90, 43.405, 200.327)

Have a look what the booklet for
CIELCh(90, 43.405, 200.327)
contains.

CIELCh(90, 43.477, 200.222)	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, 43.477, 200.222)

Conversions

Conversions Part 1

Format	Color
Hex	4FF9FE
RGB	79, 249, 254
RGB Percent	31%, 98%, 100%
CMY	0.6921, 0.0249, 0.0053
CMYK	0.69, 0.02, 0.00, 0.01
HSL	182°, 98%, 65%
HSV	182°, 69%, 99%
XYZ	54.7797, 76.3034, 105.3082
YIQ	198.7400, -102.9250, -34.4850

Conversions

Conversions Part 2

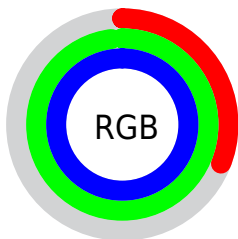
Format	Color
RYB	79, 165, 254
Decimal	5241342
CIELab	90.00, -40.80, -15.03
CIElCh	90, 43.477, 200.222
Yxy	76.3034, 0.2317, 0.3228
Android (android.graphics.Color)	4283431422 (0xFF4FF9FE)
YUV	198.7400, 27.2432, -105.0120
Hunter-Lab	87.3518, -40.9254, -10.3316

Details

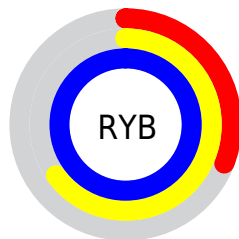
The CIELCh color **90, 43.477, 200.222** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **60, 75.236, 31.649**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 31.890, 197.456**, and **71, 39.826, 200.459** is the 20% darker color. If you saturate the color by 10%, you get **89, 45.955, 200.369**, and if you desaturate by 10%, it is **91, 39.888, 200.191**.

Distribution



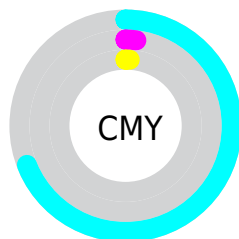
- Red (31%)
- Green (98%)
- Blue (100%)



- Red (31%)
- Yellow (65%)
- Blue (100%)



- Cyan (69%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)




- Cyan (69%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 43.477, 200.222 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, 43.477, 200.222 by changing the saturation by 10% instead.

 90, 43.477,
200.222


 90, 43.477,
200.222

 100, 43.477,
200.222


 80, 43.477,
200.222

 70, 43.477,
200.222

 60, 43.477,
200.222

 50, 43.477,
200.222

 40, 43.477,
200.222

 30, 43.477,
200.222

 20, 43.477,

200.222

■ 10, 43.477,
200.222

■ 0, 43.477, 200.222

■ 90, 43.477,
200.222

■ 90, 43.477,
200.222

■ 89, 45.955,
200.369

■ 91, 39.888,
200.191

■ 89, 47.374,
200.641

■ 92, 35.210,
200.271

■ 89, 47.908,
201.025

■ 93, 29.520,
200.453

■ 89, 47.940,
201.064

■ 94, 22.934,
200.726

■ 96, 15.587,
201.082

■ 98, 7.623, 201.531

100, 0.451, 22.409

100, 0.436, 83.189

100, 0.675,
110.013

Harmonies

Complementary

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



90, 43.477, 200.222



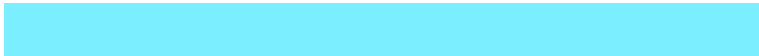
60, 75.236, 31.649

Rectangle

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



90, 43.477, 200.222



90, 43.477, 250.222



90, 43.477, 20.222



90, 43.477, 70.222

Sweetspot

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



90, 43.476, 200.221



96, 17.146, 201.006



88, 100.522, 138.480



51, 11.495, 200.904



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, 43.476, 200.221



90, 46.829, 200.463



66, 52.490, 273.255



52, 4.804, 201.507



69, 38.794, 200.982



23, 17.929, 200.408

Inverse Universe

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



64, 97.739, 328.693



62, 108.223, 329.104



76, 62.310, 68.047



50, 8.883, 325.721



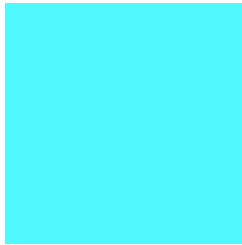
45, 91.020, 329.402



12, 41.987, 329.258

Previews

White Background



This preview shows how the CIE LCh color 90, 43.477, 200.222 looks on a white background.

Color Contrast Check

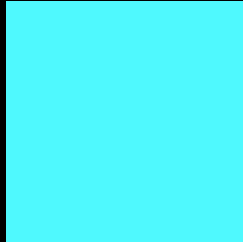
Large Text (above 18pt) WCAG AA × Fail

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, 43.477, 200.222 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, 43.477, 200.222

Background



This preview shows how black text looks on a background with the CIELCh color 90, 43.477, 200.222.



This preview shows how white text looks on a background with the CIELCh color 90, 43.477, 200.222.

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, 29.191, 213.344

Trichromacy



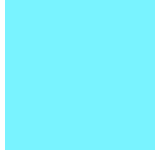
Original Color
90, 43.477, 200.222



Protanomaly
88, 20.085, 216.516



Deuteranomaly
88, 21.526, 236.036

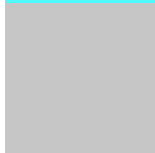


Tritanomaly
90, 35.001, 207.681

Monochromacy



Original Color
90, 43.477, 200.222



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 20.143, 201.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 43.477, 200.222 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(79, 249, 254)` looks like.

```
.text, #text, p{  
    color:rgb(79, 249, 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(79, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 249, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 43.477, 200.222 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(79, 249, 254) }
```

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

```
.border{ border-color:rgb(79, 249, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 249, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(79, 249,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 43.477, 200.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 249, 254) }
```

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

```
.background{ background-color: rgb(79, 249,  
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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