

Converting Colors

CIELCh(89, 40.278, 205.310)

Have a look what the booklet for
CIELCh(89, 40.278, 205.310)
contains.

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Color

CIELCh(89, 40.311, 205.231)

Conversions

Conversions Part 1

Format	Color
Hex	5CF4FF
RGB	92, 244, 255
RGB Percent	36%, 96%, 100%
CMY	0.6394, 0.0433, 0.0002
CMYK	0.64, 0.04, 0.00, 0.00
HSL	184°, 100%, 68%
HSV	184°, 64%, 100%
XYZ	54.7882, 74.1641, 105.9981
YIQ	199.8060, -94.1230, -28.8030

Conversions

Conversions Part 2

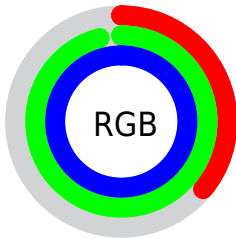
Format	Color
RYB	92, 171, 255
Decimal	6092031
CIELab	89.00, -36.47, -17.18
CIELCh	89, 40.311, 205.231
Yxy	74.1641, 0.2332, 0.3157
Android (android.graphics.Color)	4284282111 (0xFF5CF4FF)
YUV	199.8060, 27.2106, -94.5459
Hunter-Lab	86.1186, -37.1467, -12.6934

Details

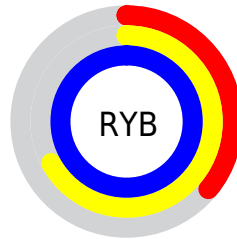
The CIELCh color **89, 40.311, 205.231** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **63, 67.665, 32.299**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 29.647, 197.591**, and **69, 38.496, 205.730** is the 20% darker color. If you saturate the color by 10%, you get **88, 43.191, 205.747**, and if you desaturate by 10%, it is **90, 36.336, 204.905**.

Distribution



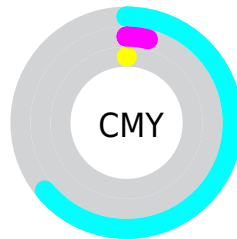
- Red (36%)
- Green (96%)
- Blue (100%)



- Red (36%)
- Yellow (67%)
- Blue (100%)



- Cyan (64%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 40.311, 205.231 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 89, 40.311, 205.231 by changing the saturation by 10% instead.


 89, 40.311,
205.231


 89, 40.311,
205.231


 100, 40.311,
205.231


 79, 40.311,
205.231

 69, 40.311,
205.231

 59, 40.311,
205.231

 49, 40.311,
205.231

 39, 40.311,
205.231

 29, 40.311,
205.231

 19, 40.311,

205.231

■ 9, 40.311, 205.231

■ 0, 40.311, 205.231

■ 89, 40.311,
205.231

■ 89, 40.311,
205.231

■ 88, 43.191,
205.747

■ 90, 36.336,
204.905

■ 87, 44.984,
206.480

■ 92, 31.324,
204.750

■ 86, 45.778,
207.446

■ 93, 25.377,
204.738

■ 86, 45.908,
208.126

■ 95, 18.623,
204.851

■ 97, 11.201,

205.075

99, 3.247, 205.499

100, 0.010,
102.433

Harmonies

Complementary

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



89, 40.311, 205.231



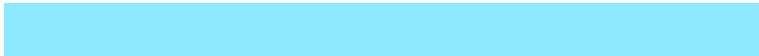
63, 67.665, 32.299

Rectangle

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



89, 40.311, 205.231



89, 40.311, 255.231



89, 40.311, 25.231



89, 40.311, 75.231

Sweetspot

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



89, 40.310, 205.230



96, 15.038, 204.947



89, 92.473, 140.283



51, 10.251, 204.888



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 40.310, 205.230



88, 43.859, 205.948



66, 52.780, 276.350



52, 4.628, 205.216



66, 37.027, 207.906



22, 17.185, 206.402

Inverse Universe

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



66, 90.664, 329.809



62, 101.823, 330.367



80, 58.275, 73.475



50, 8.649, 326.828



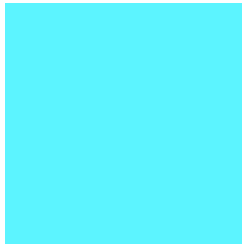
45, 88.273, 331.120



12, 40.870, 330.750

Previews

White Background



This preview shows how the CIE LCh color 89, 40.311, 205.231 looks on a white background.

Color Contrast Check

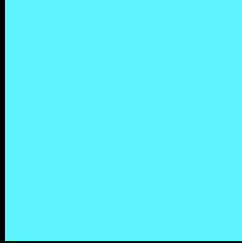
Large Text (above 18pt) WCAG AA × Fail

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 89, 40.311, 205.231 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 89, 40.311, 205.231

Background



This preview shows how black text looks on a background with the CIELCh color 89, 40.311, 205.231.



This preview shows how white text looks on a background with the CIELCh color 89, 40.311, 205.231.

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



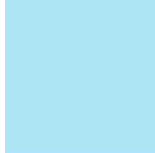


Tritanopia
89, 31.696, 212.945

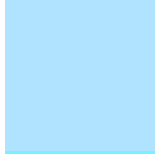
Trichromacy



Original Color
89, 40.311, 205.231



Protanomaly
88, 19.569, 223.811



Deuteranomaly
88, 21.333, 242.222

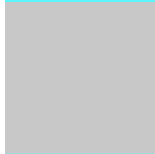


Tritanomaly
89, 35.156, 209.405

Monochromacy



Original Color
89, 40.311, 205.231



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 18.328, 204.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 40.311, 205.231 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(92, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 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(92, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 40.311, 205.231 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(92, 244, 255) }
```

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

```
.border{ border-color:rgb(92, 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(92, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 244,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 40.311, 205.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 244, 255) }
```

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

```
.background{ background-color: rgb(92, 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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