

Converting Colors

CIELCh(89, 39.412, 205.802)

Have a look what the booklet for
CIELCh(89, 39.412, 205.802)
contains.

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Color

CIELCh(89, 39.536, 205.437)

Conversions

Conversions Part 1

Format	Color
Hex	61F4FF
RGB	97, 244, 255
RGB Percent	38%, 96%, 100%
CMY	0.6215, 0.0447, 0.0016
CMYK	0.62, 0.04, 0.00, 0.00
HSL	184°, 99%, 69%
HSV	184°, 62%, 100%
XYZ	55.0897, 74.1641, 105.6746
YIQ	201.3010, -91.1430, -27.7430

Conversions

Conversions Part 2

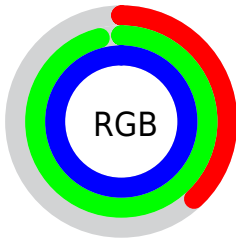
Format	Color
RYB	97, 173, 255
Decimal	6419711
CIELab	89.00, -35.70, -16.98
CIELCh	89, 39.536, 205.437
Yxy	74.1641, 0.2345, 0.3157
Android (android.graphics.Color)	4284609791 (0xFF61F4FF)
YUV	201.3010, 26.4736, -91.4720
Hunter-Lab	86.1186, -36.5218, -12.4707

Details

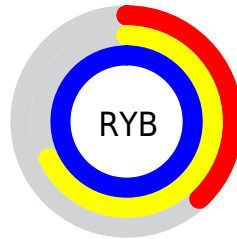
The CIELCh color **89, 39.536, 205.437** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **64, 65.241, 32.010**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 28.874, 197.638**, and **69, 38.496, 205.730** is the 20% darker color. If you saturate the color by 10%, you get **88, 42.609, 205.939**, and if you desaturate by 10%, it is **90, 35.377, 205.125**.

Distribution



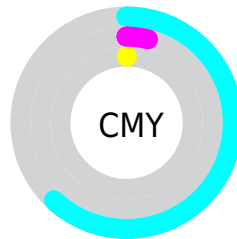
- Red (38%)
- Green (96%)
- Blue (100%)



- Red (38%)
- Yellow (68%)
- Blue (100%)



- Cyan (62%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (62%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 39.536, 205.437 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, 39.536, 205.437 by changing the saturation by 10% instead.


 89, 39.536,
205.437

 89, 39.536,
205.437


 100, 39.536,
205.437


 79, 39.536,
205.437

 69, 39.536,
205.437

 59, 39.536,
205.437

 49, 39.536,
205.437

 39, 39.536,
205.437

 29, 39.536,
205.437

 19, 39.536,

205.437

■ 9, 39.536, 205.437

■ 0, 39.536, 205.437

■ 89, 39.536,
205.437

■ 89, 39.536,
205.437

■ 88, 42.609,
205.939

■ 90, 35.377,
205.125

■ 87, 44.590,
206.660

■ 92, 30.200,
204.981

■ 86, 45.551,
207.618

■ 93, 24.113,
204.981

■ 86, 45.757,
208.527

■ 95, 17.247,
205.103

■ 97, 9.740, 205.339

99, 1.727, 205.939

100, 0.195,
109.767

Harmonies

Complementary

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



89, 39.536, 205.437



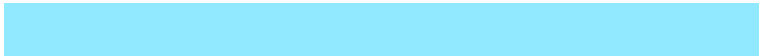
64, 65.241, 32.010

Rectangle

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



89, 39.536, 205.437



89, 39.536, 255.437



89, 39.536, 25.437



89, 39.536, 75.437

Sweetspot

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



89, 39.535, 205.436



96, 15.009, 205.163



89, 90.203, 140.522



51, 10.231, 205.107



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, 39.535, 205.436



88, 43.350, 206.126



67, 51.190, 275.718



52, 4.619, 205.424



66, 36.946, 208.300



22, 17.150, 206.741

Inverse Universe

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



67, 88.502, 329.795



63, 100.286, 330.365



80, 56.454, 73.759



50, 8.637, 326.890



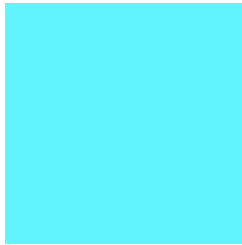
45, 88.128, 331.217



12, 40.811, 330.834

Previews

White Background



This preview shows how the CIE LCh color 89, 39.536, 205.437 looks on a white background.

Color Contrast Check

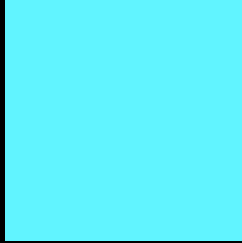
Large Text (above 18pt) WCAG AA × Fail

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, 39.536, 205.437 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, 39.536, 205.437

Background



This preview shows how black text looks on a background with the CIELCh color 89, 39.536, 205.437.

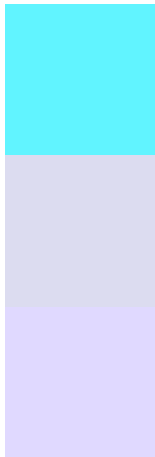


This preview shows how white text looks on a background with the CIELCh color 89, 39.536, 205.437.

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
89, 39.536, 205.437

Protanopia
88, 10.447, 291.041

Deuteranopia
88, 20.049, 298.538

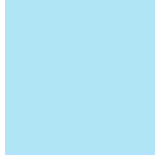


Tritanopia
89, 31.480, 213.065

Trichromacy



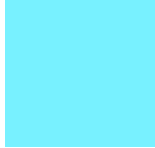
Original Color
89, 39.536, 205.437



Protanomaly
88, 19.043, 224.594



Deuteranomaly
88, 20.917, 243.332

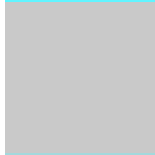


Tritanomaly
89, 34.766, 209.565

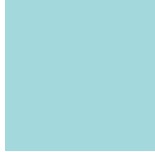
Monochromacy



Original Color
89, 39.536, 205.437



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 17.727, 205.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 39.536, 205.437 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(97, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(97, 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(97, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 39.536, 205.437 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(97, 244, 255) }
```

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

```
.border{ border-color:rgb(97, 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(97, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(97, 244,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 39.536, 205.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 244, 255) }
```

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

```
.background{ background-color: rgb(97, 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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