

Converting Colors

CIELCh(89, 39.244, 202.846)

Have a look what the booklet for
CIELCh(89, 39.244, 202.846)
contains.

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Color

CIELCh(89, 39.269, 202.375)

Conversions

Conversions Part 1

Format	Color
Hex	64F4FB
RGB	100, 244, 251
RGB Percent	39%, 96%, 98%
CMY	0.6092, 0.0443, 0.0168
CMYK	0.60, 0.03, 0.00, 0.02
HSL	183°, 95%, 69%
HSV	183°, 60%, 98%
XYZ	54.8486, 74.1641, 102.4530
YIQ	201.7420, -88.0710, -28.3510

Conversions

Conversions Part 2

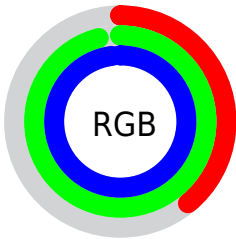
Format	Color
RYB	100, 174, 251
Decimal	6616315
CIELab	89.00, -36.31, -14.95
CIELCh	89, 39.269, 202.375
Yxy	74.1641, 0.2370, 0.3204
Android (android.graphics.Color)	4284806395 (0xFF64F4FB)
YUV	201.7420, 24.2842, -89.2277
Hunter-Lab	86.1186, -37.0217, -10.2527

Details

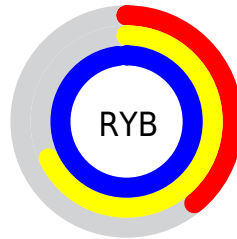
The CIELCh color **89, 39.269, 202.375** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **63, 63.177, 30.246**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 28.352, 197.670**, and **69, 38.732, 203.128** is the 20% darker color. If you saturate the color by 10%, you get **88, 42.606, 202.592**, and if you desaturate by 10%, it is **90, 34.855, 202.298**.

Distribution



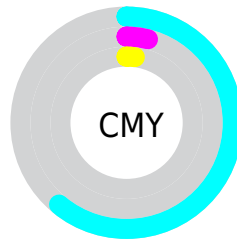
- Red (39%)
- Green (96%)
- Blue (98%)



- Red (39%)
- Yellow (68%)
- Blue (98%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)





- Cyan (61%)
- Magenta (4%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 39.269, 202.375 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, 39.269, 202.375 by changing the saturation by 10% instead.


 89, 39.269,
202.375


 89, 39.269,
202.375


 100, 39.269,
202.375


 79, 39.269,
202.375

 69, 39.269,
202.375

 59, 39.269,
202.375

 49, 39.269,
202.375

 39, 39.269,
202.375


 29, 39.269,
202.375


 19, 39.269,

202.375


 9, 39.269, 202.375

 0, 39.269, 202.375


 89, 39.269,
202.375


 89, 39.269,
202.375


 88, 42.606,
202.592


 90, 34.855,
202.298


 87, 44.852,
202.968

 91, 29.438,
202.350

 87, 46.062,
203.511

 93, 23.129,
202.512

 86, 46.446,
204.187

 95, 16.063,
202.773

 96, 8.377, 203.135

98, 0.207, 206.625

99, 1.238, 46.567

99, 1.343, 78.630

100, 1.764,
100.485

Harmonies

Complementary

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



89, 39.269, 202.375



63, 63.177, 30.246

Rectangle

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



89, 39.269, 202.375



89, 39.269, 252.375



89, 39.269, 22.375



89, 39.269, 72.375

Sweetspot

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



89, 39.269, 202.373



96, 14.583, 202.844



88, 88.725, 139.925



51, 10.037, 202.752



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

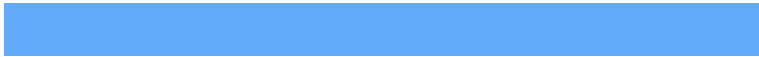
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 39.269, 202.373



89, 43.652, 202.648



68, 46.709, 271.820



51, 4.644, 203.168



67, 37.553, 204.045



22, 17.113, 203.020

Inverse Universe

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



67, 86.778, 328.930



64, 99.547, 329.407



79, 53.481, 70.919



49, 8.632, 326.218



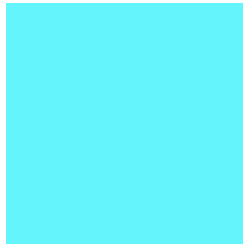
44, 88.865, 330.167



11, 40.391, 329.912

Previews

White Background



This preview shows how the CIE LCh color 89, 39.269, 202.375 looks on a white background.

Color Contrast Check

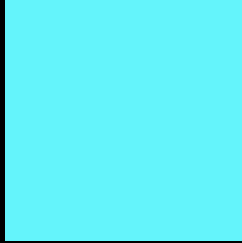
Large Text (above 18pt) WCAG AA × Fail

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, 39.269, 202.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

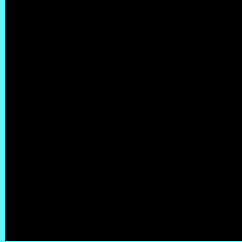
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 39.269, 202.375

Background



This preview shows how black text looks on a background with the CIELCh color 89, 39.269, 202.375.



This preview shows how white text looks on a background with the CIELCh color 89, 39.269, 202.375.

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



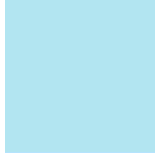


Tritanopia
89, 31.263, 213.188

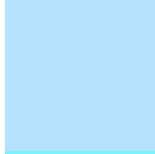
Trichromacy



Original Color
89, 39.269, 202.375



Protanomaly
88, 17.607, 219.383



Deuteranomaly
88, 19.646, 242.698

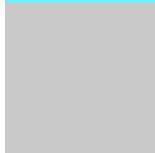


Tritanomaly
89, 34.370, 207.915

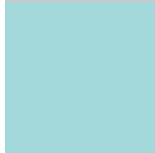
Monochromacy



Original Color
89, 39.269, 202.375



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 17.738, 201.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 39.269, 202.375 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(100, 244, 251)` looks like.

```
.text, #text, p{  
    color:rgb(100, 244, 251)  
}
```

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(100, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 244, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 39.269, 202.375 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(100, 244, 251) }
```

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

```
.border{ border-color:rgb(100, 244, 251) }
```

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

Here you see how a box with a 4 pixel rgb(100, 244, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 244, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 244, 251);  
box-shadow:4px 4px 4px 4px rgb(100, 244,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 39.269, 202.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 244, 251) }
```

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

```
.background{ background-color: rgb(100,  
244, 251) }
```

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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