

Converting Colors

CIELCh(89, 50.109, 171.253)

Have a look what the booklet for
CIELCh(89, 50.109, 171.253)
contains.

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Color

CIELCh(89, 50.256, 171.027)

Conversions

Conversions Part 1

Format	Color
Hex	61F8CF
RGB	97, 248, 207
RGB Percent	38%, 97%, 81%
CMY	0.6197, 0.0275, 0.1883
CMYK	0.61, 0.00, 0.17, 0.03
HSL	164°, 91%, 68%
HSV	164°, 61%, 97%
XYZ	49.7470, 74.1641, 70.7106
YIQ	198.1770, -76.8350, -44.7630

Conversions

Conversions Part 2

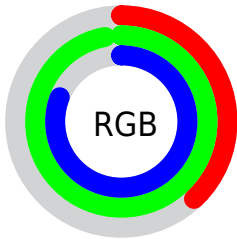
Format	Color
R_{YB}	97, 184, 248
Decimal	6420687
CIE _{Lab}	89.00, -49.64, 7.84
CIE _{LCh}	89, 50.256, 171.027
Yxy	74.1641, 0.2556, 0.3811
Android (android.graphics.Color)	4284610767 (0xFF61F8CF)
YUV	198.1770, 4.3497, -88.7322
Hunter-Lab	86.1186, -47.5959, 11.6010

Details

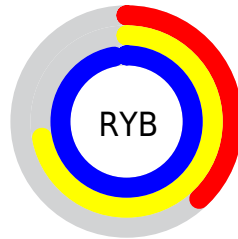
The CIELCh color **89, 50.256, 171.027** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **62, 61.551, 7.595**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 29.391, 197.607**, and **69, 49.989, 170.905** is the 20% darker color. If you saturate the color by 10%, you get **88, 55.964, 169.442**, and if you desaturate by 10%, it is **90, 43.601, 172.447**.

Distribution



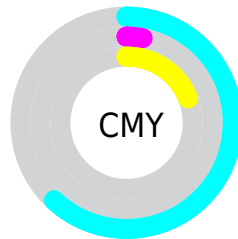
- Red (38%)
- Green (97%)
- Blue (81%)



- Red (38%)
- Yellow (72%)
- Blue (97%)



- Cyan (61%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)




- Cyan (62%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 50.256, 171.027 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, 50.256, 171.027 by changing the saturation by 10% instead.


 89, 50.256,
171.027

 89, 50.256,
171.027


 100, 50.256,
171.027


 79, 50.256,
171.027

 69, 50.256,
171.027

 59, 50.256,
171.027

 49, 50.256,
171.027

 39, 50.256,
171.027


 29, 50.256,
171.027


 19, 50.256,


171.027


 9, 50.256, 171.027


 0, 50.256, 171.027


 89, 50.256,
171.027

 89, 50.256,
171.027


 88, 55.964,
169.442


 90, 43.601,
172.447


 88, 60.669,
167.672

 91, 36.109,
173.730

 87, 64.402,
165.703

 92, 27.929,
174.901

 87, 67.131,
163.777

 94, 19.221,
175.983

 96, 10.142,

177.005

■ 97, 0.832, 178.570

■ 98, 4.005, 328.163

■ 98, 4.370, 324.523

Harmonies

Complementary

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



89, 50.256, 171.027



62, 61.551, 7.595

Rectangle

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



89, 50.256, 171.027



89, 50.256, 221.027



89, 50.256, 351.027



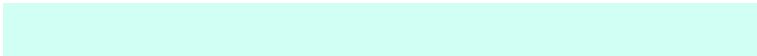
89, 50.256, 41.027

Sweetspot

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



89, 50.257, 171.026



97, 17.007, 176.280



89, 83.968, 133.080



51, 11.770, 175.978



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, 50.257, 171.026



90, 58.314, 169.066



81, 35.274, 227.415



51, 5.333, 177.147



68, 54.359, 164.164



22, 23.539, 167.200

Inverse Universe

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



62, 61.551, 7.595



59, 73.554, 11.578



67, 56.976, 41.911



49, 5.497, 358.817



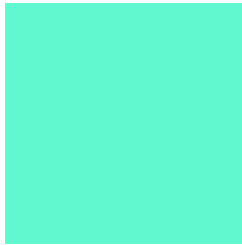
40, 70.995, 23.729



9, 30.671, 13.854

Previews

White Background



This preview shows how the CIE LCh color 89, 50.256, 171.027 looks on a white background.

Color Contrast Check

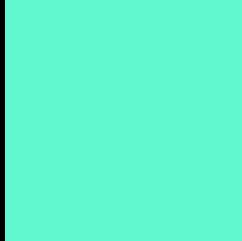
Large Text (above 18pt) WCAG AA × Fail

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, 50.256, 171.027 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, 50.256, 171.027

Background



This preview shows how black text looks on a background with the CIELCh color 89, 50.256, 171.027.

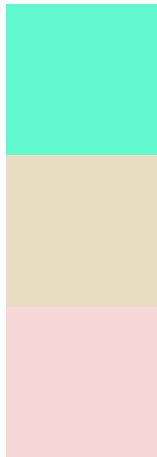


This preview shows how white text looks on a background with the CIELCh color 89, 50.256, 171.027.

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, 50.256, 171.027

Protanopia
88, 15.119, 92.935

Deuteranopia
88, 11.839, 20.226



Tritanopia
89, 30.432, 214.728

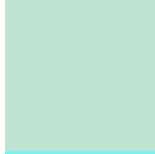
Trichromacy



Original Color
89, 50.256, 171.027



Protanomaly
88, 24.482, 153.207



Deuteranomaly
87, 14.482, 165.628

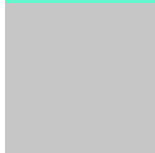


Tritanomaly
89, 35.493, 193.735

Monochromacy



Original Color
89, 50.256, 171.027



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 20.815, 175.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 50.256, 171.027 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, 248, 207)` looks like.

```
.text, #text, p{  
    color:rgb(97, 248, 207)  
}
```

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, 248, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 248, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 50.256, 171.027 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, 248, 207) }
```

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

```
.border{ border-color:rgb(97, 248, 207) }
```

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

Here you see how a box with a 4 pixel rgb(97, 248, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 248, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 248, 207);  
box-shadow:4px 4px 4px 4px rgb(97, 248,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 50.256, 171.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 248, 207) }
```

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

```
.background{ background-color: rgb(97, 248,  
207) }
```

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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