

Converting Colors

CIELCh(89, 36.943, 197.069)

Have a look what the booklet for
CIELCh(89, 36.943, 197.069)
contains.

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Color

CIElCh(89, 36.912, 197.074)

Conversions

Conversions Part 1

Format	Color
Hex	73F3F3
RGB	115, 243, 243
RGB Percent	45%, 95%, 95%
CMY	0.5493, 0.0473, 0.0473
CMYK	0.53, 0.00, 0.00, 0.05
HSL	180°, 84%, 70%
HSV	180°, 53%, 95%
XYZ	55.2557, 74.1641, 96.1403
YIQ	204.7280, -76.2880, -27.1360

Conversions

Conversions Part 2

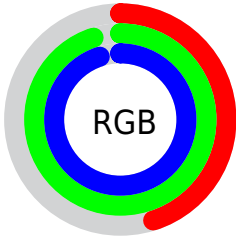
Format	Color
RYB	115, 179, 243
Decimal	7599091
CIELab	89.00, -35.29, -10.84
CIElCh	89, 36.912, 197.074
Yxy	74.1641, 0.2450, 0.3288
Android (android.graphics.Color)	4285789171 (0xFF73F3F3)
YUV	204.7280, 18.8681, -78.6915
Hunter-Lab	86.1186, -36.1779, -5.9066

Details

The CIELCh color **89, 36.912, 197.074** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **64, 54.590, 25.811**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.109, 197.869**, and **69, 36.784, 197.460** is the 20% darker color. If you saturate the color by 10%, you get **88, 41.235, 196.809**, and if you desaturate by 10%, it is **90, 31.569, 197.403**.

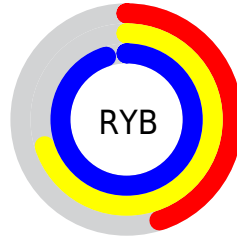
Distribution



Red (45%)

Green (95%)

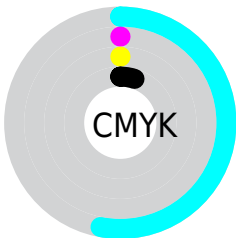
Blue (95%)



Red (45%)

Yellow (70%)

Blue (95%)

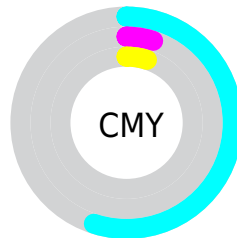


Cyan (53%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 36.912, 197.074 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, 36.912, 197.074 by changing the saturation by 10% instead.

■ 89, 36.912,
197.074

■ 89, 36.912,
197.074

■ 100, 36.912,
197.074

■ 79, 36.912,
197.074

■ 69, 36.912,
197.074

■ 59, 36.912,
197.074

■ 49, 36.912,
197.074

■ 39, 36.912,
197.074


■ 29, 36.912,
197.074


■ 19, 36.912,


197.074


 9, 36.912, 197.074

 0, 36.912, 197.074


 89, 36.912,
197.074

 89, 36.912,
197.074


 88, 41.235,
196.809


 90, 31.569,
197.403


 88, 44.488,
196.613

 91, 25.305,
197.798

 87, 46.679,
196.482

 92, 18.243,
198.254

 87, 47.889,
196.410

 94, 10.525,
198.776

 87, 48.309,

 95, 2.287, 199.533

196.385

97, 4.291, 19.540

97, 4.291, 19.538

97, 4.291, 19.537

97, 4.291, 19.535

Harmonies

Complementary

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



89, 36.912, 197.074



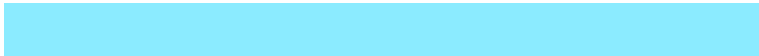
64, 54.590, 25.811

Rectangle

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



89, 36.912, 197.074



89, 36.912, 247.074



89, 36.912, 17.074



89, 36.912, 67.074

Sweetspot

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



89, 36.912, 197.072



97, 13.668, 198.593



87, 78.372, 139.694



52, 9.170, 198.484



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, 36.912, 197.072



92, 42.962, 196.798



72, 37.418, 263.924



50, 4.783, 198.964



69, 39.561, 196.385



22, 17.589, 196.385

Inverse Universe

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



64, 54.590, 25.811



62, 69.440, 28.524



77, 44.456, 67.106



48, 5.080, 19.939



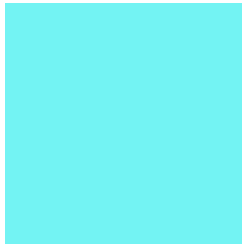
39, 82.550, 39.999



8, 31.024, 25.006

Previews

White Background



This preview shows how the CIE LCh color 89, 36.912, 197.074 looks on a white background.

Color Contrast Check

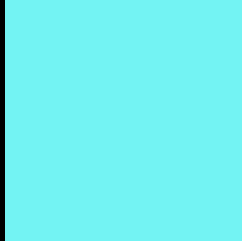
Large Text (above 18pt) WCAG AA × Fail

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, 36.912, 197.074 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, 36.912, 197.074

Background



This preview shows how black text looks on a background with the CIELCh color 89, 36.912, 197.074.

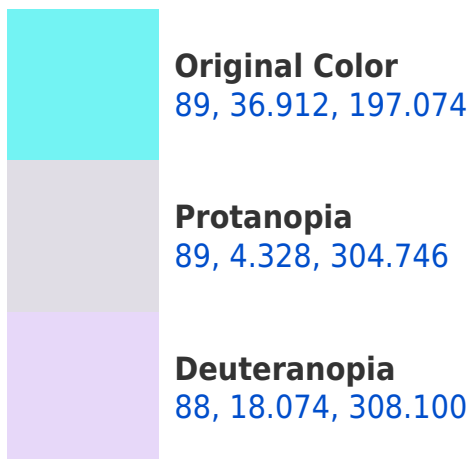


This preview shows how white text looks on a background with the CIELCh color 89, 36.912, 197.074.

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](#).

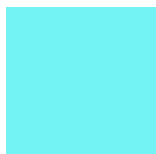
Dichromacy



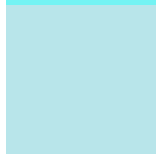


Tritanopia
89, 29.987, 215.014

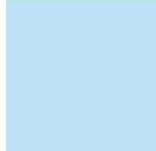
Trichromacy



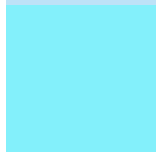
Original Color
89, 36.912, 197.074



Protanomaly
88, 15.207, 208.392



Deuteranomaly
88, 16.080, 242.045

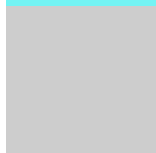


Tritanomaly
89, 32.260, 207.776

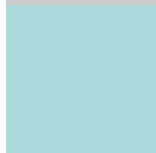
Monochromacy



Original Color
89, 36.912, 197.074



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 15.935, 198.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 36.912, 197.074 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(115, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(115, 243, 243)  
}
```

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(115, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 243, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 36.912, 197.074 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(115, 243, 243) }
```

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

```
.border{ border-color:rgb(115, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(115, 243,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 36.912, 197.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 243, 243) }
```

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

```
.background{ background-color: rgb(115,  
243, 243) }
```

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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