

Converting Colors

CIELCh(88, 36.063, 197.108)

Have a look what the booklet for
CIELCh(88, 36.063, 197.108)
contains.

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Color

CIElCh(88, 36.060, 197.105)

Conversions

Conversions Part 1

Format	Color
Hex	74F0F0
RGB	116, 240, 240
RGB Percent	45%, 94%, 94%
CMY	0.5466, 0.0602, 0.0602
CMYK	0.52, 0.00, 0.00, 0.06
HSL	180°, 80%, 70%
HSV	180°, 52%, 94%
XYZ	53.8808, 72.0653, 93.2305
YIQ	202.9240, -73.9040, -26.2880

Conversions

Conversions Part 2

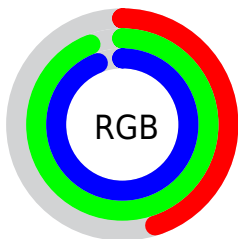
Format	Color
RYB	116, 178, 240
Decimal	7663856
CIELab	88.00, -34.46, -10.61
CIElCh	88, 36.060, 197.105
Yxy	72.0653, 0.2458, 0.3288
Android (android.graphics.Color)	4285853936 (0xFF74F0F0)
YUV	202.9240, 18.2785, -76.2323
Hunter-Lab	84.8913, -35.2651, -5.6904

Details

The CIELCh color **88, 36.060, 197.105** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **63, 52.892, 25.593**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.830, 197.886**, and **68, 36.225, 196.606** is the 20% darker color. If you saturate the color by 10%, you get **87, 40.438, 196.833**, and if you desaturate by 10%, it is **89, 30.683, 197.440**.

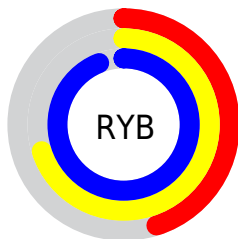
Distribution



Red (45%)

Green (94%)

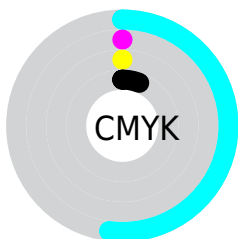
Blue (94%)



Red (45%)

Yellow (70%)

Blue (94%)

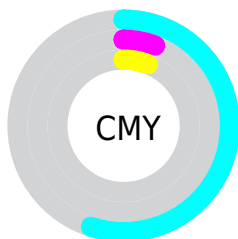


Cyan (52%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (55%)


Magenta (6%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 36.060, 197.105 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 88, 36.060, 197.105 by changing the saturation by 10% instead.


 88, 36.060,
197.105


 88, 36.060,
197.105


 100, 36.060,
197.105


 78, 36.060,
197.105

 68, 36.060,
197.105

 58, 36.060,
197.105

 48, 36.060,
197.105

 38, 36.060,
197.105

 28, 36.060,
197.105

 18, 36.060,

197.105

■ 8, 36.060, 197.105

■ 0, 36.060, 197.105

■ 88, 36.060,
197.105

■ 88, 36.060,
197.105

■ 87, 40.438,
196.833

■ 89, 30.683,
197.440

■ 87, 43.760,
196.631

■ 90, 24.405,
197.841

■ 86, 46.029,
196.494

■ 91, 17.353,
198.302

■ 86, 47.317,
196.417

■ 93, 9.664, 198.832

■ 86, 47.813,

■ 94, 1.476, 199.736

196.387

96, 5.488, 19.659

96, 5.488, 19.659

96, 5.488, 19.660

96, 5.488, 19.661

Harmonies

Complementary

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



88, 36.060, 197.105



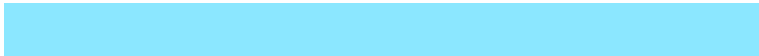
63, 52.892, 25.593

Rectangle

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



88, 36.060, 197.105



88, 36.060, 247.105



88, 36.060, 17.105



88, 36.060, 67.105

Sweetspot

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



88, 36.060, 197.103



97, 13.667, 198.594



86, 76.627, 140.116



52, 9.170, 198.486



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 36.060, 197.103



92, 42.567, 196.823



71, 37.161, 265.530



49, 4.701, 198.967



68, 39.157, 196.387



21, 17.094, 196.387

Inverse Universe

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



67, 76.140, 327.131



67, 92.728, 327.539



77, 43.253, 68.880



47, 8.608, 324.944



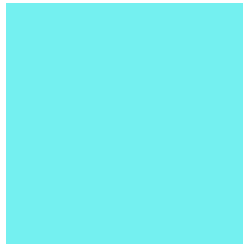
44, 90.297, 328.233



10, 39.418, 328.233

Previews

White Background



This preview shows how the CIE LCh color 88, 36.060, 197.105 looks on a white background.

Color Contrast Check

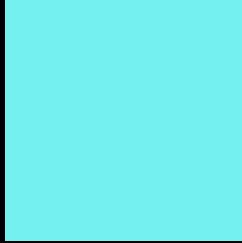
Large Text (above 18pt) WCAG AA × Fail

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 88, 36.060, 197.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

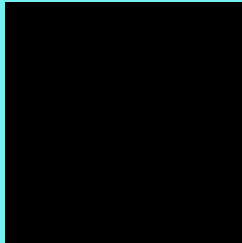
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 36.060, 197.105

Background



This preview shows how black text looks on a background with the CIELCh color 88, 36.060, 197.105.

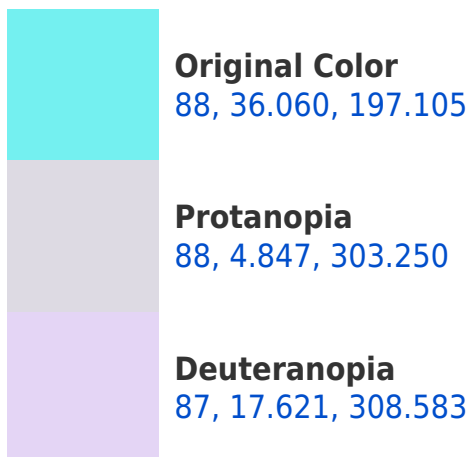


This preview shows how white text looks on a background with the CIELCh color 88, 36.060, 197.105.

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
88, 32.456, 215.517

Trichromacy



Original Color
88, 36.060, 197.105



Protanomaly
87, 14.670, 210.919



Deuteranomaly
87, 15.561, 241.328

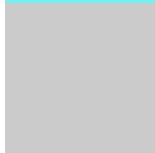


Tritanomaly
88, 33.293, 208.336

Monochromacy



Original Color
88, 36.060, 197.105



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 15.329, 198.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 36.060, 197.105 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(116, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(116, 240, 240)  
}
```

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(116, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 240, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 36.060, 197.105 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(116, 240, 240) }
```

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

```
.border{ border-color:rgb(116, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(116, 240,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 36.060, 197.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 240, 240) }
```

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

```
.background{ background-color: rgb(116,  
240, 240) }
```

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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