

Converting Colors

CIELCh(88, 34.648, 196.363)

Have a look what the booklet for
CIELCh(88, 34.648, 196.363)
contains.

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Color

CIELCh(88, 34.681, 196.307)

Conversions

Conversions Part 1

Format	Color
Hex	7AEFEE
RGB	122, 239, 238
RGB Percent	48%, 94%, 93%
CMY	0.5214, 0.0626, 0.0665
CMYK	0.49, 0.00, 0.00, 0.06
HSL	179°, 79%, 71%
HSV	179°, 49%, 94%
XYZ	54.3427, 72.0653, 91.9576
YIQ	203.9030, -69.4110, -25.1150

Conversions

Conversions Part 2

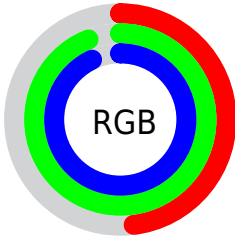
Format	Color
R_{YB}	122, 181, 239
Decimal	8056814
CIE _{Lab}	88.00, -33.29, -9.74
CIE _{LCh}	88, 34.681, 196.307
Yxy	72.0653, 0.2489, 0.3300
Android (android.graphics.Color)	4286246894 (0xFF7AEFEE)
YUV	203.9030, 16.8098, -71.8289
Hunter-Lab	84.8913, -34.2938, -4.8014

Details

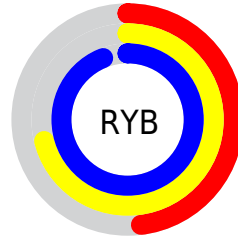
The CIELCh color **88, 34.681, 196.307** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **65, 49.392, 24.380**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.419, 197.974**, and **68, 34.889, 195.772** is the 20% darker color. If you saturate the color by 10%, you get **87, 39.378, 195.957**, and if you desaturate by 10%, it is **89, 29.016, 196.709**.

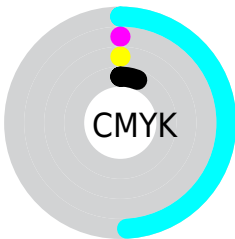
Distribution



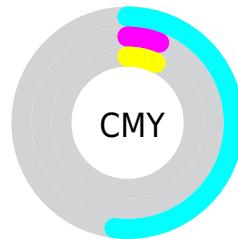
- Red (48%)
- Green (94%)
- Blue (93%)



- Red (48%)
- Yellow (71%)
- Blue (94%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (52%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 34.681, 196.307 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, 34.681, 196.307 by changing the saturation by 10% instead.


 88, 34.681,
196.307


 88, 34.681,
196.307

 100, 34.681,
196.307


 78, 34.681,
196.307

 68, 34.681,
196.307

 58, 34.681,
196.307

 48, 34.681,
196.307

 38, 34.681,
196.307


 28, 34.681,
196.307


 18, 34.681,


196.307


 8, 34.681, 196.307

 0, 34.681, 196.307

 88, 34.681,
196.307


 88, 34.681,
196.307


 87, 39.378,
195.957


 89, 29.016,
196.709

 87, 43.034,
195.665

 90, 22.491,
197.168

 86, 45.631,
195.426

 91, 15.240,
197.680

 86, 47.219,
195.232

 93, 7.400, 198.264

 86, 47.966,

 95, 0.893, 18.049

195.074

96, 5.712, 18.520

86, 48.025,
195.058

96, 5.714, 17.472

96, 5.718, 16.425

96, 5.724, 15.380

Harmonies

Complementary

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



88, 34.681, 196.307



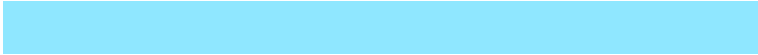
65, 49.392, 24.380

Rectangle

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



88, 34.681, 196.307



88, 34.681, 246.307



88, 34.681, 16.307



88, 34.681, 66.307

Sweetspot

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



88, 34.681, 196.305



97, 12.864, 197.896



86, 72.385, 140.101



52, 8.722, 197.778



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, 34.681, 196.305



92, 41.467, 195.949



72, 34.453, 262.823



49, 4.705, 198.230



68, 39.402, 195.080



21, 17.185, 195.261

Inverse Universe

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



65, 49.392, 24.380



64, 64.302, 26.817



77, 40.399, 67.578



47, 4.992, 19.245



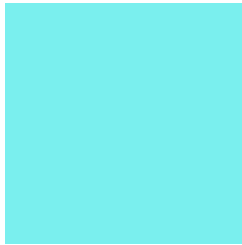
38, 81.307, 39.643



8, 29.789, 23.464

Previews

White Background



This preview shows how the CIE LCh color 88, 34.681, 196.307 looks on a white background.

Color Contrast Check

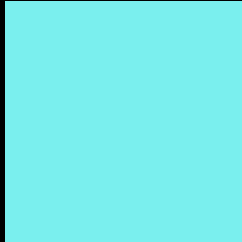
Large Text (above 18pt) WCAG AA × Fail

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, 34.681, 196.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

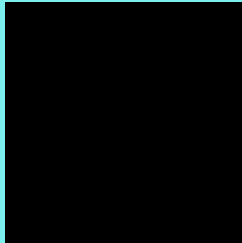
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 34.681, 196.307

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.681, 196.307.

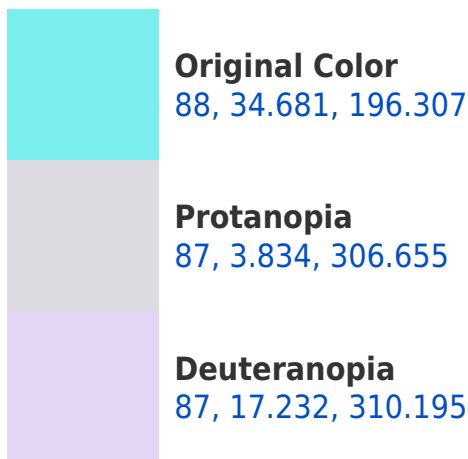


This preview shows how white text looks on a background with the CIELCh color 88, 34.681, 196.307.

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, 31.837, 215.912

Trichromacy



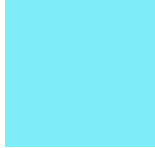
Original Color
88, 34.681, 196.307



Protanomaly
87, 13.948, 207.194



Deuteranomaly
87, 14.670, 244.687

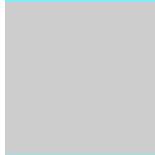


Tritanomaly
88, 32.449, 208.673

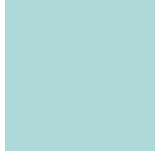
Monochromacy



Original Color
88, 34.681, 196.307



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 14.738, 196.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 34.681, 196.307 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(122, 239, 238)` looks like.

```
.text, #text, p{  
    color:rgb(122, 239, 238)  
}
```

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(122, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 239, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.681, 196.307 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(122, 239, 238) }
```

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

```
.border{ border-color:rgb(122, 239, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 239, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 239, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 239, 238); box-shadow:4px 4px 4px 4px rgb(122, 239, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.681, 196.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 239, 238) }
```

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

```
.background{ background-color: rgb(122,  
239, 238) }
```

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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