

Converting Colors

CIELCh(88, 31.437, 164.407)

Have a look what the booklet for
CIELCh(88, 31.437, 164.407)
contains.

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Color

CIElCh(88, 31.201, 164.959)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A0ECCC |
| RGB | 160, 236, 204 |
| RGB Percent | 63%, 93%, 80% |
| CMY | 0.3713, 0.0732, 0.1987 |
| CMYK | 0.32, 0.00, 0.14, 0.07 |
| HSL | 155°, 67%, 78% |
| HSV | 155°, 32%, 93% |
| XYZ | 55.5911, 72.0653, 68.3098 |
| YIQ | 209.6280, -35.0240, -26.0640 |

Conversions

Conversions Part 2

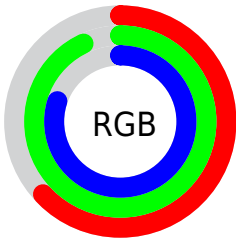
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 160, 208, 236 |
| Decimal | 10546380 |
| CIELab | 88.00, -30.13, 8.10 |
| CIELCh | 88, 31.201, 164.959 |
| Yxy | 72.0653, 0.2837, 0.3677 |
| Android (android.graphics.Color) | 4288736460 (0xFFA0ECCC) |
| YUV | 209.6280, -2.7746, -43.5238 |
| Hunter-Lab | 84.8913, -31.6689, 11.7148 |

Details

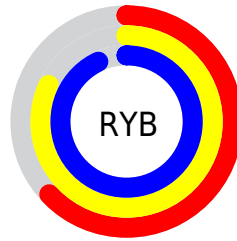
The CIELCh color **88, 31.201, 164.959** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 33.071, 351.470**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **68, 31.166, 164.887** is the 20% darker color. If you saturate the color by 10%, you get **87, 40.273, 163.727**, and if you desaturate by 10%, it is **90, 21.718, 166.065**.

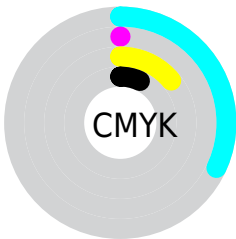
Distribution



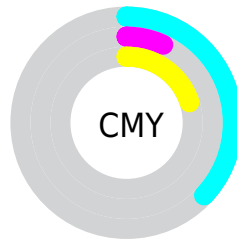
- Red (63%)
- Green (93%)
- Blue (80%)



- Red (63%)
- Yellow (82%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)





- Cyan (37%)
- Magenta (7%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 31.201, 164.959 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, 31.201, 164.959 by changing the saturation by 10% instead.


 88, 31.201,
164.959


 88, 31.201,
164.959


 100, 31.201,
164.959


 78, 31.201,
164.959

 68, 31.201,
164.959

 58, 31.201,
164.959

 48, 31.201,
164.959

 38, 31.201,
164.959


 28, 31.201,
164.959


 18, 31.201,


164.959


 8, 31.201, 164.959

 0, 31.201, 164.959


 88, 31.201,
164.959


 88, 31.201,
164.959

 87, 40.273,
163.727

 90, 21.718,
166.065

 86, 48.763,
162.346

 91, 11.980,
167.077


 85, 56.511,
160.790

 93, 2.128, 168.174

 84, 63.388,
159.034

 95, 7.724, 348.713

 83, 69.324,

 95, 11.264,
326.154

157.063

95, 11.643,
324.820

83, 74.333,
154.881

83, 77.751,
153.084

Harmonies

Complementary

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



88, 31.201, 164.959



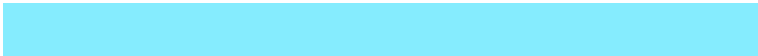
74, 33.071, 351.470

Rectangle

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



88, 31.201, 164.959



88, 31.201, 214.959



88, 31.201, 344.959



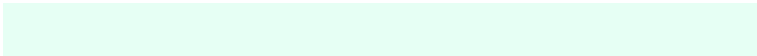
88, 31.201, 34.959

Sweetspot

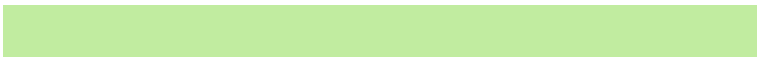
The Sweet Spot groups the original color and five complimentary colors.



88, 31.202, 164.958



98, 10.481, 167.285



89, 42.256, 129.880



52, 7.148, 167.147



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, 31.202, 164.958



93, 39.829, 164.111



87, 22.820, 204.662



48, 5.565, 167.342



65, 63.163, 153.513



19, 25.163, 157.475

Inverse Universe

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



74, 33.071, 351.470



75, 42.722, 352.428



75, 28.745, 27.258



46, 5.664, 348.931



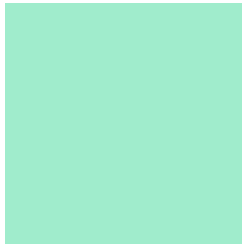
38, 65.380, 9.532



8, 28.049, 1.309

Previews

White Background



This preview shows how the CIELCh color 88, 31.201, 164.959 looks on a white background.

Color Contrast Check

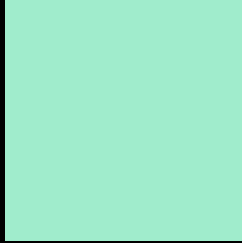
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 31.201, 164.959 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

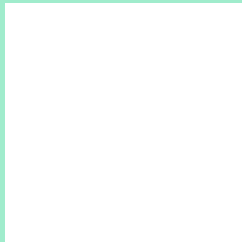
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 31.201, 164.959

Background



This preview shows how black text looks on a background with the CIELCh color 88, 31.201, 164.959.

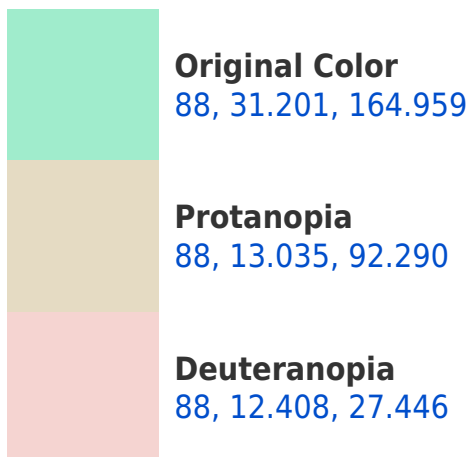


This preview shows how white text looks on a background with the CIELCh color 88, 31.201, 164.959.

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



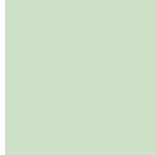


Tritanopia
88, 21.119, 226.536

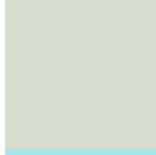
Trichromacy



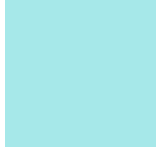
Original Color
88, 31.201, 164.959



Protanomaly
87, 16.094, 137.602



Deuteranomaly
87, 7.752, 128.808

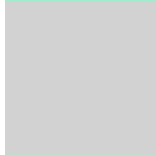


Tritanomaly
88, 21.526, 199.399

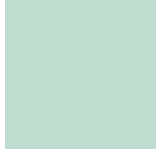
Monochromacy



Original Color
88, 31.201, 164.959



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.888, 166.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 31.201, 164.959 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(160, 236, 204)` looks like.

```
.text, #text, p{  
    color:rgb(160, 236, 204)  
}
```

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(160, 236, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 236, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 31.201, 164.959 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(160, 236, 204) }
```

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

```
.border{ border-color:rgb(160, 236, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 236, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 236, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 236, 204);  
box-shadow:4px 4px 4px 4px rgb(160, 236,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 31.201, 164.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 236, 204) }
```

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

```
.background{ background-color: rgb(160,  
236, 204) }
```

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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