

Converting Colors

CIELCh(88, 31.917, 161.764)

Have a look what the booklet for
CIELCh(88, 31.917, 161.764)
contains.

CIELCh(88, 31.679, 162.129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(88, 31.679, 162.129)

Conversions

Conversions Part 1

Format	Color
Hex	A2ECC9
RGB	162, 236, 201
RGB Percent	64%, 93%, 79%
CMY	0.3638, 0.0735, 0.2108
CMYK	0.31, 0.00, 0.15, 0.07
HSL	152°, 66%, 78%
HSV	152°, 31%, 93%
XYZ	55.5838, 72.0653, 66.3838
YIQ	209.8840, -32.8690, -26.5730

Conversions

Conversions Part 2

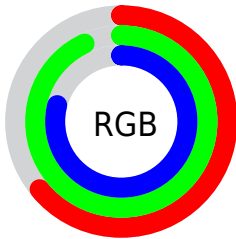
Format	Color
RYB	162, 210, 236
Decimal	10677449
CIELab	88.00, -30.15, 9.72
CIELCh	88, 31.679, 162.129
Yxy	72.0653, 0.2865, 0.3714
Android (android.graphics.Color)	4288867529 (0xFFA2ECC9)
YUV	209.8840, -4.3798, -41.9943
Hunter-Lab	84.8913, -31.6843, 13.0599

Details

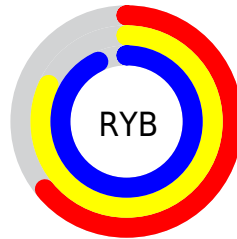
The CIELCh color **88, 31.679, 162.129** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75, 33.116, 348.186**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **68, 31.727, 161.979** is the 20% darker color. If you saturate the color by 10%, you get **87, 41.261, 160.920**, and if you desaturate by 10%, it is **90, 21.731, 163.207**.

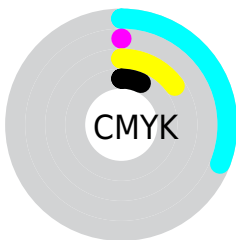
Distribution



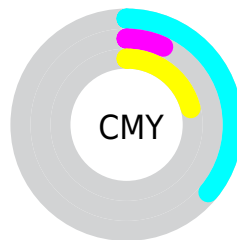
- Red (64%)
- Green (93%)
- Blue (79%)



- Red (64%)
- Yellow (82%)
- Blue (93%)



- Cyan (31%)
- Magenta (0%)
- Yellow (15%)
- Black (7%)




- Cyan (36%)
- Magenta (7%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 31.679, 162.129 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, 31.679, 162.129 by changing the saturation by 10% instead.


 88, 31.679,
162.129


 88, 31.679,
162.129


 100, 31.679,
162.129


 78, 31.679,
162.129


 68, 31.679,
162.129

 58, 31.679,
162.129

 48, 31.679,
162.129

 38, 31.679,
162.129


 28, 31.679,
162.129


 18, 31.679,


162.129


 8, 31.679, 162.129


 0, 31.679, 162.129


 88, 31.679,
162.129


 88, 31.679,
162.129

 87, 41.261,
160.920

 90, 21.731,
163.207

 86, 50.297,
159.558

 91, 11.574,
164.188


 85, 58.618,
158.014

 93, 1.350, 165.366


 84, 66.080,
156.268

 95, 8.328, 343.304

 83, 72.595,

 95, 11.700,
324.822

154.305

 83, 78.156,
152.132

 83, 82.346,
150.149

Harmonies

Complementary

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



88, 31.679, 162.129



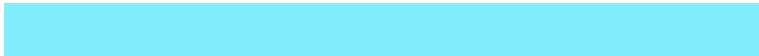
75, 33.116, 348.186

Rectangle

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



88, 31.679, 162.129



88, 31.679, 212.129



88, 31.679, 342.129



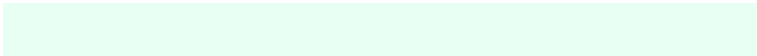
88, 31.679, 32.129

Sweetspot

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



88, 31.680, 162.128



98, 9.783, 164.405



89, 40.613, 128.190



52, 6.798, 164.266



0, 0.000, 0.000



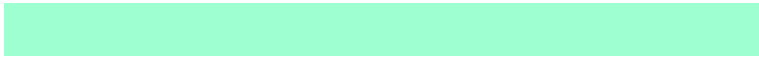
53, 0.007, 296.813

Same Dimension

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



88, 31.680, 162.128



93, 40.551, 161.319



89, 23.431, 199.473



48, 5.771, 164.365



65, 66.886, 150.576



19, 26.517, 154.567

Inverse Universe

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



75, 33.116, 348.186



76, 42.754, 349.040



74, 29.165, 23.310



46, 5.855, 345.897



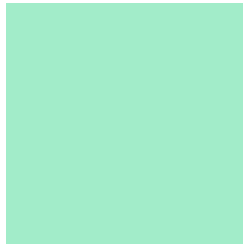
39, 65.333, 4.506



8, 28.375, 357.289

Previews

White Background



This preview shows how the CIE LCh color 88, 31.679, 162.129 looks on a white background.

Color Contrast Check

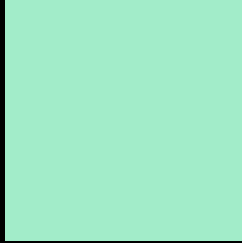
Large Text (above 18pt) WCAG AA × Fail

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, 31.679, 162.129 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

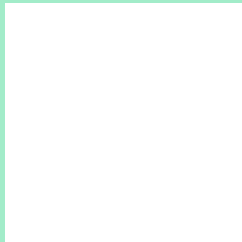
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 31.679, 162.129

Background



This preview shows how black text looks on a background with the CIELCh color 88, 31.679, 162.129.

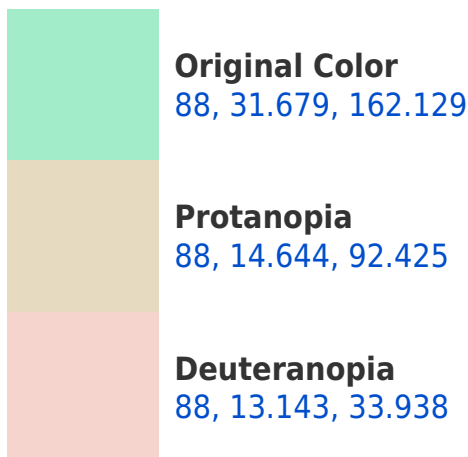


This preview shows how white text looks on a background with the CIELCh color 88, 31.679, 162.129.

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, 20.430, 225.919

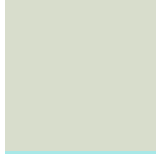
Trichromacy



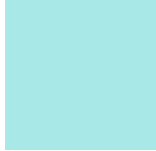
Original Color
88, 31.679, 162.129



Protanomaly
87, 17.319, 134.100

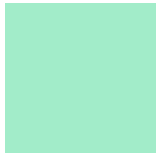


Deuteranomaly
87, 9.054, 121.145

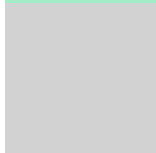


Tritanomaly
88, 21.065, 196.587

Monochromacy



Original Color
88, 31.679, 162.129



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 11.907, 163.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 31.679, 162.129 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(162, 236, 201)` looks like.

```
.text, #text, p{  
    color:rgb(162, 236, 201)  
}
```

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(162, 236, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 236, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 31.679, 162.129 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(162, 236, 201) }
```

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

```
.border{ border-color:rgb(162, 236, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 236, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 236, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 236, 201);  
box-shadow:4px 4px 4px 4px rgb(162, 236,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 31.679, 162.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 236, 201) }
```

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

```
.background{ background-color: rgb(162,  
236, 201) }
```

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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