

Converting Colors

CIELCh(88, 62.449, 162.965)

Have a look what the booklet for
CIELCh(88, 62.449, 162.965)
contains.

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Color

CIELCh(88, 62.631, 162.901)

Conversions

Conversions Part 1

Format	Color
Hex	41F9B8
RGB	65, 249, 184
RGB Percent	25%, 98%, 72%
CMY	0.7436, 0.0252, 0.2800
CMYK	0.74, 0.00, 0.26, 0.03
HSL	159°, 93%, 62%
HSV	159°, 74%, 97%
XYZ	44.5564, 72.0653, 56.6892
YIQ	186.5740, -88.7990, -59.2230

Conversions

Conversions Part 2

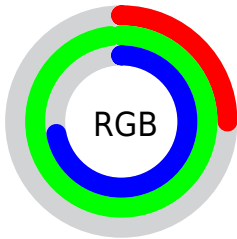
Format	Color
RYB	65, 177, 249
Decimal	4323768
CIELab	88.00, -59.86, 18.41
CIELCh	88, 62.631, 162.901
Yxy	72.0653, 0.2571, 0.4158
Android (android.graphics.Color)	4282513848 (0xFF41F9B8)
YUV	186.5740, -1.2690, -106.6204
Hunter-Lab	84.8913, -54.8713, 19.8308




Details

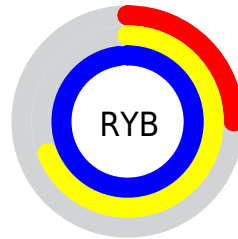
The CIELCh color **88, 62.631, 162.901** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **58, 72.538, 5.033**, and the grayscale version is **76, 0.009, 296.813**.




A 20% lighter version of the original color is **93, 37.097, 184.961**, and **69, 57.909, 160.696** is the 20% darker color. If you saturate the color by 10%, you get **88, 67.948, 160.934**, and if you desaturate by 10%, it is **89, 56.328, 164.656**.

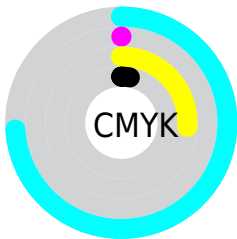
Distribution







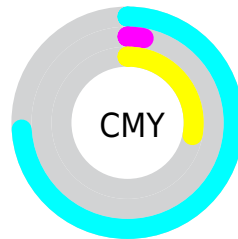
-  Red (25%)
-  Green (98%)
-  Blue (72%)






-  Red (25%)
-  Yellow (69%)
-  Blue (98%)



-  Cyan (74%)
-  Magenta (0%)
-  Yellow (26%)
-  Black (3%)





-  Cyan (74%)
-  Magenta (3%)
-  Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 62.631, 162.901 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, 62.631, 162.901 by changing the saturation by 10% instead.


 88, 62.631,
162.901


 88, 62.631,
162.901


 100, 62.631,
162.901


 78, 62.631,
162.901

 68, 62.631,
162.901

 58, 62.631,
162.901

 48, 62.631,
162.901

 38, 62.631,
162.901


 28, 62.631,
162.901


 18, 62.631,


162.901


 8, 62.631, 162.901

 0, 62.631, 162.901


 88, 62.631,
162.901

 88, 62.631,
162.901


 88, 67.948,
160.934


 89, 56.328,
164.656

 87, 72.323,
158.760

 90, 49.084,
166.219

 87, 74.724,
157.330

 91, 41.014,
167.613

 92, 32.269,
168.865

 93, 23.019,

170.000

■ 95, 13.426,
171.046

■ 97, 3.640, 172.101

■ 98, 3.642, 328.451

■ 98, 4.001, 324.504

Harmonies

Complementary

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



88, 62.631, 162.901



58, 72.538, 5.033

Rectangle

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



88, 62.631, 162.901



88, 62.631, 212.901



88, 62.631, 342.901



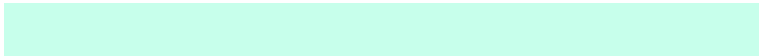
88, 62.631, 32.901

Sweetspot

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



88, 62.631, 162.900



96, 21.853, 170.180



88, 95.652, 130.520



51, 14.638, 169.886



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, 62.631, 162.900



89, 71.357, 159.998



83, 40.147, 216.044



51, 5.607, 171.470



68, 60.310, 157.747



22, 25.821, 161.038

Inverse Universe

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



58, 72.538, 5.033



55, 81.976, 10.927



60, 75.233, 37.931



49, 5.736, 353.126



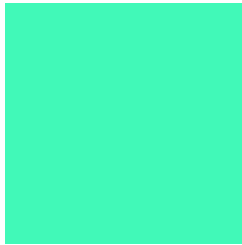
40, 68.421, 16.124



9, 30.461, 8.099

Previews

White Background



This preview shows how the CIELCh color 88, 62.631, 162.901 looks on a white background.

Color Contrast Check

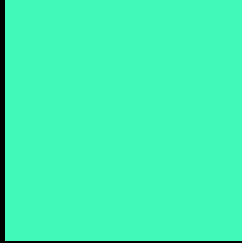
Large Text (above 18pt) WCAG AA × Fail

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, 62.631, 162.901 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, 62.631, 162.901

Background



This preview shows how black text looks on a background with the CIELCh color 88, 62.631, 162.901.

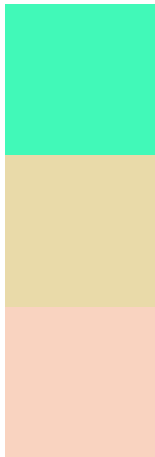


This preview shows how white text looks on a background with the CIELCh color 88, 62.631, 162.901.

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](#).

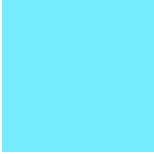
Dichromacy



Original Color
88, 62.740, 162.956

Protanopia
87, 26.123, 94.945

Deuteranopia
87, 17.746, 53.913



Tritanopia
88, 34.591, 213.319

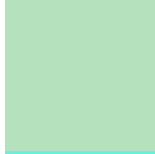
Trichromacy



Original Color
88, 62.740, 162.956



Protanomaly
86, 35.608, 143.702



Deuteranomaly
86, 24.617, 147.962

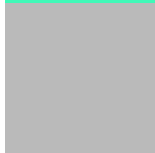


Tritanomaly
88, 41.470, 187.951

Monochromacy



Original Color
88, 62.740, 162.956



Achromatopsia
76, 0.009, 296.813



Achromatomaly
79, 26.824, 168.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 62.631, 162.901 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(65, 249, 184)` looks like.

```
.text, #text, p{  
    color:rgb(65, 249, 184)  
}
```

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(65, 249, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 249, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 62.631, 162.901 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(65, 249, 184) }
```

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

```
.border{ border-color:rgb(65, 249, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 249, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 249, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 249, 184);  
box-shadow:4px 4px 4px 4px rgb(65, 249,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 62.631, 162.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 249, 184) }
```

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

```
.background{ background-color: rgb(65, 249,  
184) }
```

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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