

Converting Colors

CIELCh(88, 59.515, 168.615)

Have a look what the booklet for
CIELCh(88, 59.515, 168.615)
contains.

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Color

CIELCh(88, 59.474, 168.518)

Conversions

Conversions Part 1

Format	Color
Hex	35F8C4
RGB	53, 248, 196
RGB Percent	21%, 97%, 77%
CMY	0.7939, 0.0262, 0.2302
CMYK	0.79, 0.00, 0.21, 0.03
HSL	164°, 94%, 59%
HSV	164°, 79%, 97%
XYZ	45.1020, 72.0653, 63.9282
YIQ	183.7670, -99.5280, -57.5120

Conversions

Conversions Part 2

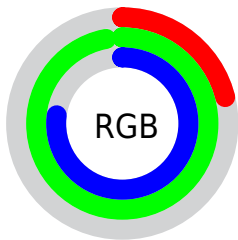
Format	Color
RYB	53, 166, 248
Decimal	3537092
CIELab	88.00, -58.28, 11.84
CIELCh	88, 59.474, 168.518
Yxy	72.0653, 0.2491, 0.3979
Android (android.graphics.Color)	4281727172 (0xFF35F8C4)
YUV	183.7670, 6.0309, -114.6827
Hunter-Lab	84.8913, -53.7242, 14.7750

Details

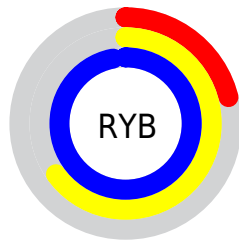
The CIELCh color **88, 59.474, 168.518** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **56, 76.352, 14.360**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.655, 195.531**, and **69, 53.340, 165.799** is the 20% darker color. If you saturate the color by 10%, you get **88, 63.342, 166.604**, and if you desaturate by 10%, it is **89, 54.617, 170.235**.

Distribution



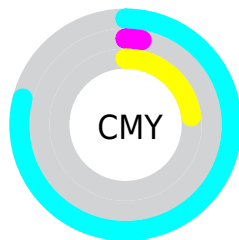
- Red (21%)
- Green (97%)
- Blue (77%)



- Red (21%)
- Yellow (65%)
- Blue (97%)



- Cyan (79%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)





- Cyan (79%)
- Magenta (3%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 59.474, 168.518 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, 59.474, 168.518 by changing the saturation by 10% instead.


 88, 59.474,
168.518


 88, 59.474,
168.518


 100, 59.474,
168.518


 78, 59.474,
168.518

 68, 59.474,
168.518

 58, 59.474,
168.518

 48, 59.474,
168.518

 38, 59.474,
168.518


 28, 59.474,
168.518


 18, 59.474,


168.518


 8, 59.474, 168.518


 0, 59.474, 168.518

 88, 59.474,
168.518


 88, 59.474,
168.518


 88, 63.342,
166.604


 89, 54.617,
170.235

 87, 66.366,
164.516

 89, 48.760,
171.772


 87, 66.698,
164.274

 90, 41.969,
173.153

 91, 34.365,
174.405

 93, 26.101,

175.550

 94, 17.335,
176.613

 96, 8.222, 177.630

 98, 1.100, 357.957

 98, 4.166, 324.513

Harmonies

Complementary

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



88, 59.474, 168.518



56, 76.352, 14.360

Rectangle

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



88, 59.474, 168.518



88, 59.474, 218.518



88, 59.474, 348.518



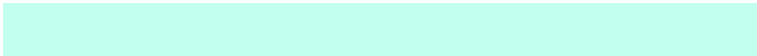
88, 59.474, 38.518

Sweetspot

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



88, 59.474, 168.517



96, 22.393, 176.069



87, 102.830, 133.026



50, 15.286, 175.685



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, 59.474, 168.517



90, 66.646, 165.300



76, 40.696, 235.091



51, 5.316, 177.562



68, 53.959, 164.659



22, 23.387, 167.670

Inverse Universe

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



56, 76.352, 14.360



54, 87.515, 22.566



61, 77.113, 44.286



49, 5.483, 359.230



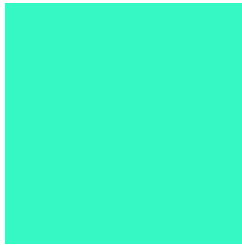
40, 71.223, 24.228



9, 30.694, 14.205

Previews

White Background



This preview shows how the CIE LCh color 88, 59.474, 168.518 looks on a white background.

Color Contrast Check

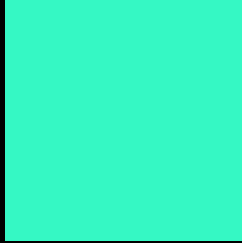
Large Text (above 18pt) WCAG AA × Fail

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, 59.474, 168.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

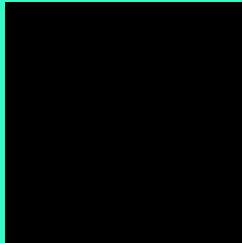
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 59.474, 168.518

Background



This preview shows how black text looks on a background with the CIELCh color 88, 59.474, 168.518.

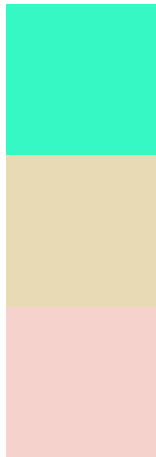


This preview shows how white text looks on a background with the CIELCh color 88, 59.474, 168.518.

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](#).

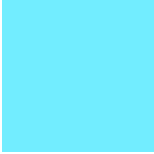
Dichromacy



Original Color
88, 59.386, 168.481

Protanopia
87, 19.888, 93.911

Deuteranopia
87, 13.316, 36.073



Tritanopia
88, 35.154, 213.025

Trichromacy



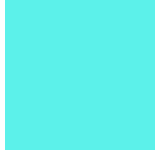
Original Color
88, 59.386, 168.481



Protanomaly
86, 31.650, 153.416



Deuteranomaly
86, 21.869, 162.744

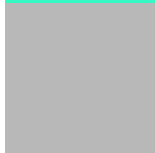


Tritanomaly
88, 41.621, 191.642

Monochromacy



Original Color
88, 59.386, 168.481



Achromatopsia
75, 0.009, 296.813



Achromatomaly
78, 26.534, 174.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 59.474, 168.518 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(53, 248, 196)` looks like.

```
.text, #text, p{  
    color:rgb(53, 248, 196)  
}
```

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(53, 248, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 248, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 59.474, 168.518 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(53, 248, 196) }
```

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

```
.border{ border-color:rgb(53, 248, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 248, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 248, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 248, 196);  
box-shadow:4px 4px 4px 4px rgb(53, 248,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 59.474, 168.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 248, 196) }
```

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

```
.background{ background-color: rgb(53, 248,  
196) }
```

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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