

Converting Colors

CIELCh(88, 58.791, 160.851)

Have a look what the booklet for
CIELCh(88, 58.791, 160.851)
contains.

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Color

CIELCh(88, 58.888, 160.773)

Conversions

Conversions Part 1

Format	Color
Hex	5CF7B6
RGB	92, 247, 182
RGB Percent	36%, 97%, 71%
CMY	0.6399, 0.0320, 0.2868
CMYK	0.63, 0.00, 0.26, 0.03
HSL	155°, 90%, 66%
HSV	155°, 63%, 97%
XYZ	46.0384, 72.0653, 55.6623
YIQ	193.2450, -71.5150, -53.0750

Conversions

Conversions Part 2

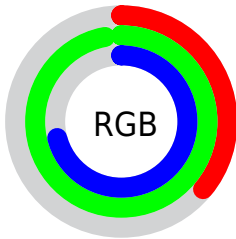
Format	Color
R_{YB}	92, 190, 247
Decimal	6092726
CIE _{Lab}	88.00, -55.60, 19.39
CIE _{LCh}	88, 58.888, 160.773
Yxy	72.0653, 0.2649, 0.4147
Android (android.graphics.Color)	4284282806 (0xFF5CF7B6)
YUV	193.2450, -5.5438, -88.7919
Hunter-Lab	84.8913, -51.7553, 20.5481

Details

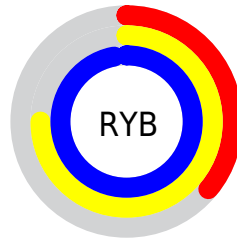
The CIELCh color **88, 58.888, 160.773** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **61, 64.814, 356.946**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.910, 181.821**, and **68, 58.175, 160.177** is the 20% darker color. If you saturate the color by 10%, you get **87, 65.917, 158.996**, and if you desaturate by 10%, it is **89, 50.948, 162.347**.

Distribution



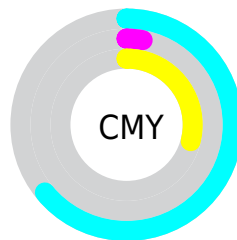
- Red (36%)
- Green (97%)
- Blue (71%)



- Red (36%)
- Yellow (75%)
- Blue (97%)



- Cyan (63%)
- Magenta (0%)
- Yellow (26%)
- Black (3%)





- Cyan (64%)
- Magenta (3%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 58.888, 160.773 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, 58.888, 160.773 by changing the saturation by 10% instead.


 88, 58.888,
160.773


 88, 58.888,
160.773


 100, 58.888,
160.773


 78, 58.888,
160.773

 68, 58.888,
160.773

 58, 58.888,
160.773

 48, 58.888,
160.773

 38, 58.888,
160.773


 28, 58.888,
160.773


 18, 58.888,


160.773


 8, 58.888, 160.773


 0, 58.888, 160.773


 88, 58.888,
160.773


 88, 58.888,
160.773


 87, 65.917,
158.996


 89, 50.948,
162.347


 87, 71.965,
157.003


 90, 42.225,
163.743

 86, 77.058,
154.800

 91, 32.884,
164.987

 86, 80.266,
153.140

 93, 23.101,
166.105

 95, 13.041,

167.126

 97, 2.853, 168.181

 98, 4.784, 326.962

 98, 5.074, 324.557

Harmonies

Complementary

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



88, 58.888, 160.773



61, 64.814, 356.946

Rectangle

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



88, 58.888, 160.773



88, 58.888, 210.773



88, 58.888, 340.773



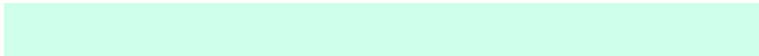
88, 58.888, 30.773

Sweetspot

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



88, 58.889, 160.772



96, 19.815, 166.499



89, 82.205, 128.615



51, 13.611, 166.201



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, 58.889, 160.772



90, 69.093, 158.552



87, 38.942, 205.071



50, 5.755, 167.453



67, 64.400, 153.579



21, 26.830, 157.136

Inverse Universe

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



61, 64.814, 356.946



59, 75.610, 0.318



62, 64.580, 31.976



48, 5.859, 349.052



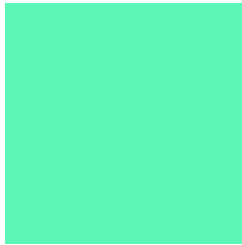
40, 66.766, 9.831



9, 29.725, 2.406

Previews

White Background



This preview shows how the CIE LCh color 88, 58.888, 160.773 looks on a white background.

Color Contrast Check

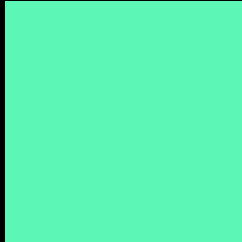
Large Text (above 18pt) WCAG AA × Fail

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, 58.888, 160.773 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, 58.888, 160.773

Background



This preview shows how black text looks on a background with the CIELCh color 88, 58.888, 160.773.

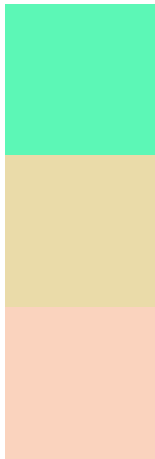


This preview shows how white text looks on a background with the CIELCh color 88, 58.888, 160.773.

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, 58.888, 160.773

Protanopia
87, 26.603, 95.148

Deuteranopia
87, 18.722, 55.737



Tritanopia
88, 33.062, 215.142

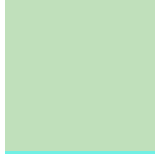
Trichromacy



Original Color
88, 58.888, 160.773



Protanomaly
87, 33.574, 139.109



Deuteranomaly
86, 22.721, 139.859



Tritanomaly
88, 38.616, 187.472

Monochromacy



Original Color
88, 58.888, 160.773



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 24.007, 165.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 58.888, 160.773 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(92, 247, 182)` looks like.

```
.text, #text, p{  
    color:rgb(92, 247, 182)  
}
```

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(92, 247, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 247, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 58.888, 160.773 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(92, 247, 182) }
```

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

```
.border{ border-color:rgb(92, 247, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 247, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 247, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 247, 182);  
box-shadow:4px 4px 4px 4px rgb(92, 247,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 58.888, 160.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 247, 182) }
```

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

```
.background{ background-color: rgb(92, 247,  
182) }
```

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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