

Converting Colors

CIELCh(88, 58.550, 151.608)

Have a look what the booklet for
CIELCh(88, 58.550, 151.608)
contains.

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Color

CIELCh(88, 58.570, 151.743)

Conversions

Conversions Part 1

Format	Color
Hex	7AF5A6
RGB	122, 245, 166
RGB Percent	48%, 96%, 65%
CMY	0.5223, 0.0399, 0.3497
CMYK	0.50, 0.00, 0.32, 0.04
HSL	141°, 86%, 72%
HSV	141°, 50%, 96%
XYZ	47.4643, 72.0653, 47.4035
YIQ	199.2170, -47.9490, -50.6450

Conversions

Conversions Part 2

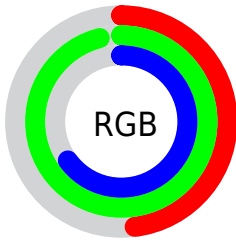
Format	Color
RYB	122, 213, 245
Decimal	8058278
CIELab	88.00, -51.59, 27.73
CIELCh	88, 58.570, 151.743
Yxy	72.0653, 0.2843, 0.4317
Android (android.graphics.Color)	4286248358 (0xFF7AF5A6)
YUV	199.2170, -16.3760, -67.7193
Hunter-Lab	84.8913, -48.7570, 26.3162

Details

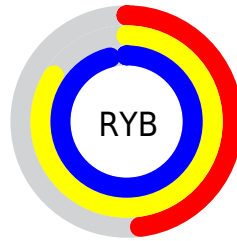
The CIELCh color **88, 58.570, 151.743** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68, 59.558, 341.087**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 30.955, 163.120**, and **68, 58.455, 151.881** is the 20% darker color. If you saturate the color by 10%, you get **87, 68.866, 150.273**, and if you desaturate by 10%, it is **89, 47.541, 153.026**.

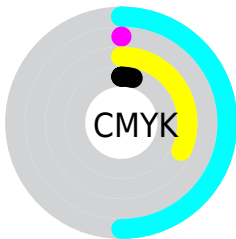
Distribution



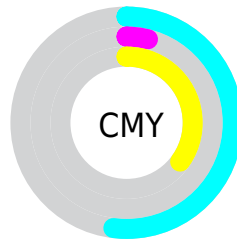
- Red (48%)
- Green (96%)
- Blue (65%)



- Red (48%)
- Yellow (84%)
- Blue (96%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (4%)




- Cyan (52%)
- Magenta (4%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 58.570, 151.743 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, 58.570, 151.743 by changing the saturation by 10% instead.


 88, 58.570,
151.743

 88, 58.570,
151.743


 100, 58.570,
151.743

 78, 58.570,
151.743

 68, 58.570,
151.743

 58, 58.570,
151.743

 48, 58.570,
151.743

 38, 58.570,
151.743


 28, 58.570,
151.743

 18, 58.570,


151.743

 8, 58.570, 151.743


 0, 58.570, 151.743


 88, 58.570,
151.743


 88, 58.570,
151.743


 87, 68.866,
150.273


 89, 47.541,
153.026

 86, 78.220,
148.604

 91, 35.999,
154.144

 86, 86.470,
146.737

 92, 24.156,
155.121

 85, 93.527,
144.702

 94, 12.199,
155.989

 85, 99.325,

 96, 0.279, 158.193

142.662



98, 6.339, 324.614

Harmonies

Complementary

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



88, 58.570, 151.743



68, 59.558, 341.087

Rectangle

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



88, 58.570, 151.743



88, 58.570, 201.743



88, 58.570, 331.743



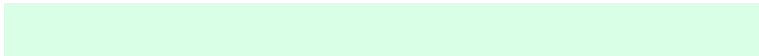
88, 58.570, 21.743

Sweetspot

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



88, 58.571, 151.743



97, 18.492, 155.585



91, 63.251, 121.022



51, 12.620, 155.400



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, 58.571, 151.743



90, 70.910, 150.291



89, 38.902, 182.512



50, 6.766, 156.052



66, 80.161, 143.049



21, 33.084, 146.434

Inverse Universe

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



68, 59.558, 341.087



66, 71.496, 342.263



66, 50.337, 14.171



48, 6.812, 337.379



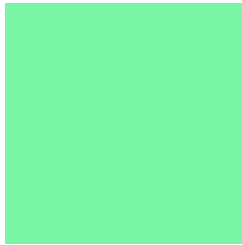
41, 70.421, 349.383



9, 32.181, 345.682

Previews

White Background



This preview shows how the CIE LCh color 88, 58.570, 151.743 looks on a white background.

Color Contrast Check

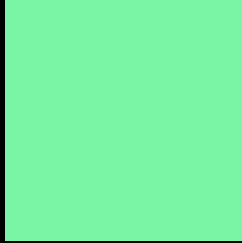
Large Text (above 18pt) WCAG AA × Fail

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, 58.570, 151.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

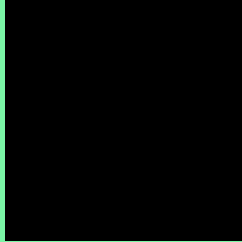
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

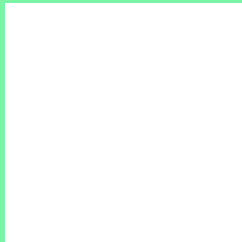
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 58.570, 151.743

Background



This preview shows how black text looks on a background with the CIELCh color 88, 58.570, 151.743.

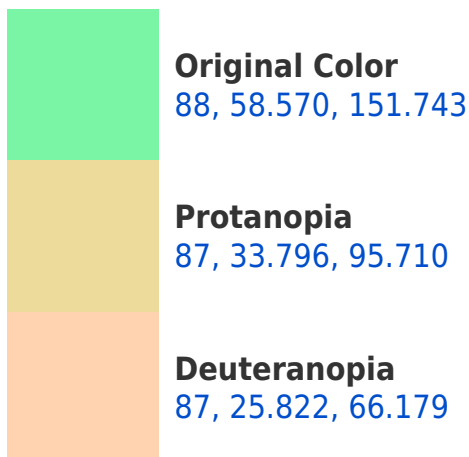


This preview shows how white text looks on a background with the CIELCh color 88, 58.570, 151.743.

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



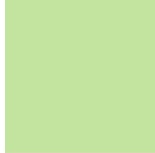


Tritanopia
88, 28.334, 218.491

Trichromacy



Original Color
88, 58.570, 151.743



Protanomaly
87, 37.902, 127.395



Deuteranomaly
87, 27.143, 121.018

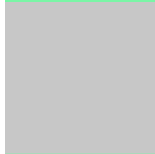


Tritanomaly
88, 33.784, 181.843

Monochromacy



Original Color
88, 58.570, 151.743



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 22.497, 154.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 58.570, 151.743 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(122, 245, 166)` looks like.

```
.text, #text, p{  
    color:rgb(122, 245, 166)  
}
```

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(122, 245, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 245, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 58.570, 151.743 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(122, 245, 166) }
```

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

```
.border{ border-color:rgb(122, 245, 166) }
```

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

Here you see how a box with a 4 pixel rgb(122, 245, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 245, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 245, 166);  
box-shadow:4px 4px 4px 4px rgb(122, 245,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 58.570, 151.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 245, 166) }
```

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

```
.background{ background-color: rgb(122,  
245, 166) }
```

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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