

Converting Colors

CIELCh(88, 58.943, 152.510)

Have a look what the booklet for
CIELCh(88, 58.943, 152.510)
contains.

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Color

CIELCh(88, 58.746, 152.543)

Conversions

Conversions Part 1

Format	Color
Hex	77F5A7
RGB	119, 245, 167
RGB Percent	47%, 96%, 65%
CMY	0.5330, 0.0389, 0.3448
CMYK	0.51, 0.00, 0.32, 0.04
HSL	143°, 86%, 71%
HSV	143°, 51%, 96%
XYZ	47.2714, 72.0653, 48.0082
YIQ	198.4340, -50.0580, -50.9700

Conversions

Conversions Part 2

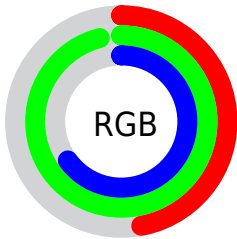
Format	Color
RYB	119, 210, 245
Decimal	7861671
CIELab	88.00, -52.13, 27.09
CIElCh	88, 58.746, 152.543
Yxy	72.0653, 0.2825, 0.4306
Android (android.graphics.Color)	4286051751 (0xFF77F5A7)
YUV	198.4340, -15.4970, -69.6636
Hunter-Lab	84.8913, -49.1627, 25.8938

Details

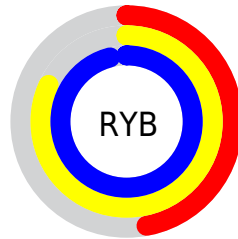
The CIELCh color **88, 58.746, 152.543** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **67, 59.983, 342.424**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 31.406, 164.738**, and **68, 58.991, 152.305** is the 20% darker color. If you saturate the color by 10%, you get **87, 68.735, 151.038**, and if you desaturate by 10%, it is **89, 48.008, 153.858**.

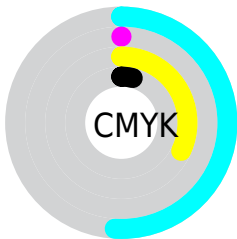
Distribution



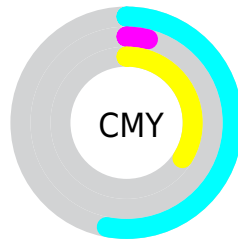
- Red (47%)
- Green (96%)
- Blue (65%)



- Red (47%)
- Yellow (82%)
- Blue (96%)



- Cyan (51%)
- Magenta (0%)
- Yellow (32%)
- Black (4%)





- Cyan (53%)
- Magenta (4%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 58.746, 152.543 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, 58.746, 152.543 by changing the saturation by 10% instead.


 88, 58.746,
152.543


 88, 58.746,
152.543


 100, 58.746,
152.543


 78, 58.746,
152.543

 68, 58.746,
152.543

 58, 58.746,
152.543

 48, 58.746,
152.543

 38, 58.746,
152.543


 28, 58.746,
152.543


 18, 58.746,


152.543

 8, 58.746, 152.543


 0, 58.746, 152.543


 88, 58.746,
152.543


 88, 58.746,
152.543


 87, 68.735,
151.038


 89, 48.008,
153.858


 86, 77.778,
149.330

 91, 36.731,
155.006

 86, 85.734,
147.420

 92, 25.126,
156.012

 85, 92.537,
145.337

 94, 13.378,
156.905

 85, 97.543,

 96, 1.642, 157.908

143.501



98, 6.182, 324.607

Harmonies

Complementary

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



88, 58.746, 152.543



67, 59.983, 342.424

Rectangle

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



88, 58.746, 152.543



88, 58.746, 202.543



88, 58.746, 332.543



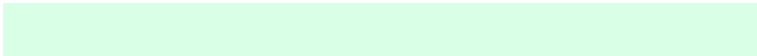
88, 58.746, 22.543

Sweetspot

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



88, 58.747, 152.543



97, 18.174, 156.592



91, 64.898, 121.646



51, 12.402, 156.405



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, 58.747, 152.543



90, 71.538, 150.923



89, 39.187, 183.901



50, 6.651, 157.068



66, 78.650, 143.899



21, 32.454, 147.336

Inverse Universe

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



67, 59.983, 342.424



65, 72.337, 343.816



65, 51.716, 15.714



48, 6.701, 338.423



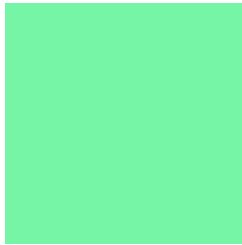
41, 69.596, 351.287



9, 31.794, 347.212

Previews

White Background



This preview shows how the CIELCh color 88, 58.746, 152.543 looks on a white background.

Color Contrast Check

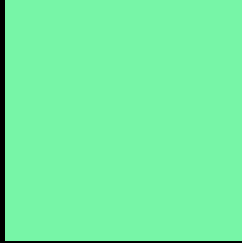
Large Text (above 18pt) WCAG AA × Fail

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, 58.746, 152.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

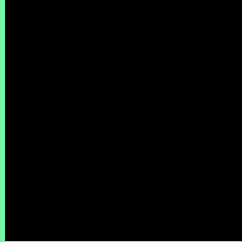
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 58.746, 152.543

Background



This preview shows how black text looks on a background with the CIELCh color 88, 58.746, 152.543.

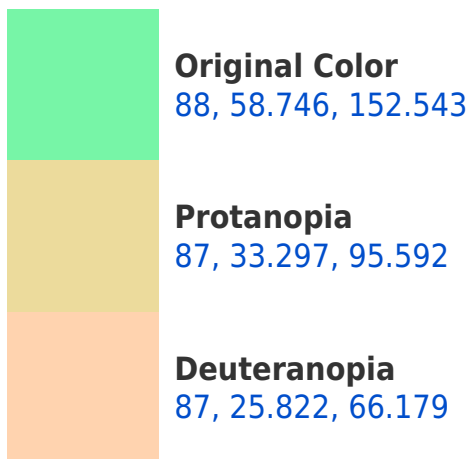


This preview shows how white text looks on a background with the CIELCh color 88, 58.746, 152.543.

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, 28.787, 218.126

Trichromacy



Original Color
88, 58.746, 152.543



Protanomaly
87, 37.569, 128.198



Deuteranomaly
86, 27.238, 121.788

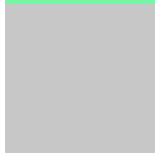


Tritanomaly
88, 34.058, 182.860

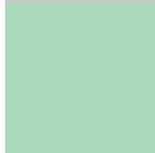
Monochromacy



Original Color
88, 58.746, 152.543



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 22.752, 155.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 58.746, 152.543 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(119, 245, 167)` looks like.

```
.text, #text, p{  
    color:rgb(119, 245, 167)  
}
```

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(119, 245, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 245, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 58.746, 152.543 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(119, 245, 167) }
```

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

```
.border{ border-color:rgb(119, 245, 167) }
```

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

Here you see how a box with a 4 pixel rgb(119, 245, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 245, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 245, 167);  
box-shadow:4px 4px 4px 4px rgb(119, 245,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 58.746, 152.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 245, 167) }
```

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

```
.background{ background-color: rgb(119,  
245, 167) }
```

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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