

Converting Colors

CIELCh(88, 46.949, 149.041)

Have a look what the booklet for
CIELCh(88, 46.949, 149.041)
contains.

CIELCh(88, 46.892, 148.878)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 46.892, 148.878)

Conversions

Conversions Part 1

Format	Color
Hex	98F0AD
RGB	152, 240, 173
RGB Percent	60%, 94%, 68%
CMY	0.4036, 0.0585, 0.3213
CMYK	0.37, 0.00, 0.28, 0.06
HSL	134°, 75%, 77%
HSV	134°, 37%, 94%
XYZ	51.6932, 72.0653, 50.7556
YIQ	206.0500, -30.9410, -39.4930

Conversions

Conversions Part 2

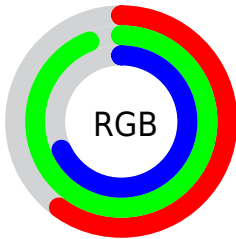
Format	Color
RYB	152, 223, 240
Decimal	10023085
CIELab	88.00, -40.14, 24.24
CIELCh	88, 46.892, 148.878
Yxy	72.0653, 0.2962, 0.4129
Android (android.graphics.Color)	4288213165 (0xFF98F0AD)
YUV	206.0500, -16.2937, -47.4019
Hunter-Lab	84.8913, -39.8649, 23.9750

Details

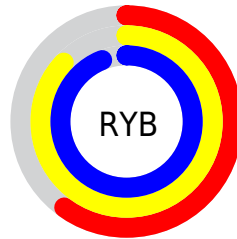
The CIELCh color **88, 46.892, 148.878** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 47.175, 334.438**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.987, 158.803**, and **68, 46.730, 148.797** is the 20% darker color. If you saturate the color by 10%, you get **87, 59.097, 147.721**, and if you desaturate by 10%, it is **90, 34.245, 149.880**.

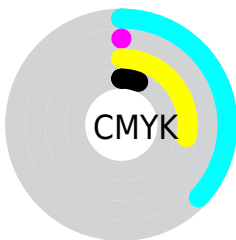
Distribution



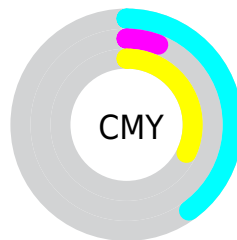
- Red (60%)
- Green (94%)
- Blue (68%)



- Red (60%)
- Yellow (87%)
- Blue (94%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (6%)



- Cyan (40%)
- Magenta (6%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 46.892, 148.878 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, 46.892, 148.878 by changing the saturation by 10% instead.

 88, 46.892,
148.878


 88, 46.892,
148.878

 100, 46.892,
148.878


 78, 46.892,
148.878

 68, 46.892,
148.878

 58, 46.892,
148.878

 48, 46.892,
148.878

 38, 46.892,
148.878

 28, 46.892,
148.878

 18, 46.892,


148.878


 8, 46.892, 148.878


 0, 46.892, 148.878


 88, 46.892,
148.878


 88, 46.892,
148.878

 87, 59.097,
147.721


 90, 34.245,
149.880

 86, 70.592,
146.393

 91, 21.383,
150.748

 85, 81.107,
144.891

 93, 8.502, 151.518


 84, 90.381,
143.231


 96, 4.250, 332.035

 84, 98.196,

 96, 9.302, 324.732

141.464

 83, 104.399,
139.686

 83, 106.152,
139.146

Harmonies

Complementary

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



88, 46.892, 148.878



74, 47.175, 334.438

Rectangle

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



88, 46.892, 148.878



88, 46.892, 198.878



88, 46.892, 328.878



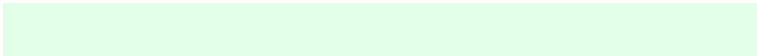
88, 46.892, 18.878

Sweetspot

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



88, 46.894, 148.878



98, 14.794, 151.188



92, 45.205, 116.893



52, 9.947, 151.084



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, 46.894, 148.878



92, 58.704, 148.027



89, 31.765, 174.602



49, 7.262, 151.306



65, 86.178, 139.459



20, 34.963, 142.658

Inverse Universe

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



74, 47.175, 334.438



74, 58.933, 335.014



72, 35.994, 2.720



47, 7.289, 332.499



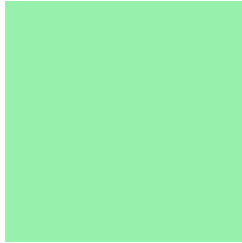
41, 75.187, 340.594



9, 33.620, 338.486

Previews

White Background



This preview shows how the CIELCh color 88, 46.892, 148.878 looks on a white background.

Color Contrast Check

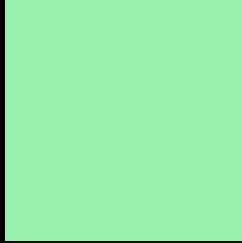
Large Text (above 18pt) WCAG AA × Fail

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, 46.892, 148.878 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, 46.892, 148.878

Background



This preview shows how black text looks on a background with the CIELCh color 88, 46.892, 148.878.

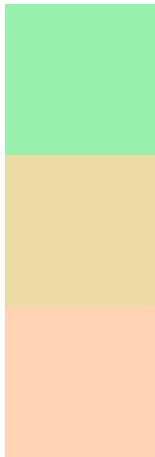


This preview shows how white text looks on a background with the CIELCh color 88, 46.892, 148.878.

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, 46.892, 148.878

Protanopia
87, 29.205, 95.204

Deuteranopia
88, 24.242, 63.193

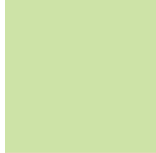


Tritanopia
88, 21.619, 225.802

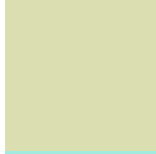
Trichromacy



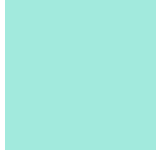
Original Color
88, 46.892, 148.878



Protanomaly
87, 32.101, 122.885



Deuteranomaly
87, 23.373, 111.984

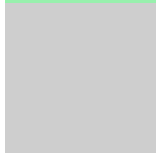


Tritanomaly
88, 25.063, 181.931

Monochromacy



Original Color
88, 46.892, 148.878



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 17.267, 151.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 46.892, 148.878 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(152, 240, 173)` looks like.

```
.text, #text, p{  
    color:rgb(152, 240, 173)  
}
```

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(152, 240, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 240, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 46.892, 148.878 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(152, 240, 173) }
```

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

```
.border{ border-color:rgb(152, 240, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 240, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 240, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 240, 173);  
box-shadow:4px 4px 4px 4px rgb(152, 240,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 46.892, 148.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 240, 173) }
```

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

```
.background{ background-color: rgb(152,  
240, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor