

Converting Colors

CIELCh(88, 45.609, 141.570)

Have a look what the booklet for
CIELCh(88, 45.609, 141.570)
contains.

CIELCh(88, 45.900, 141.626)	3
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Color

CIELCh(88, 45.900, 141.626)

Conversions

Conversions Part 1

Format	Color
Hex	A7EEA5
RGB	167, 238, 165
RGB Percent	65%, 93%, 65%
CMY	0.3452, 0.0667, 0.3530
CMYK	0.30, 0.00, 0.31, 0.07
HSL	118°, 68%, 79%
HSV	118°, 31%, 93%
XYZ	53.2894, 72.0653, 46.6887
YIQ	208.4490, -18.8830, -37.7550

Conversions

Conversions Part 2

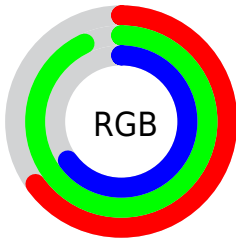
Format	Color
RYB	165, 238, 236
Decimal	11005605
CIELab	88.00, -35.98, 28.49
CIELCh	88, 45.900, 141.626
Yxy	72.0653, 0.3097, 0.4189
Android (android.graphics.Color)	4289195685 (0xFFA7EEA5)
YUV	208.4490, -21.4204, -36.3508
Hunter-Lab	84.8913, -36.5085, 26.8154

Details

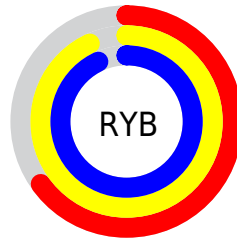
The CIELCh color **88, 45.900, 141.626** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 45.960, 325.325**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 21.089, 140.595**, and **68, 45.833, 141.649** is the 20% darker color. If you saturate the color by 10%, you get **86, 60.445, 140.716**, and if you desaturate by 10%, it is **90, 30.965, 142.424**.

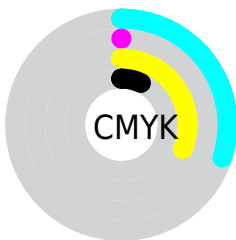
Distribution



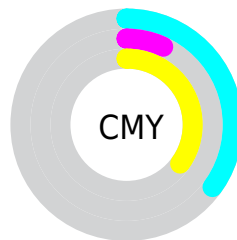
- Red (65%)
- Green (93%)
- Blue (65%)



- Red (65%)
- Yellow (93%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 45.900, 141.626 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, 45.900, 141.626 by changing the saturation by 10% instead.

■ 88, 45.900,
141.626

■ 88, 45.900,
141.626

■ 100, 45.900,
141.626

■ 78, 45.900,
141.626

■ 68, 45.900,
141.626

■ 58, 45.900,
141.626

■ 48, 45.900,
141.626

■ 38, 45.900,
141.626


■ 28, 45.900,
141.626

■ 18, 45.900,


141.626


 8, 45.900, 141.626


 0, 45.900, 141.626


 88, 45.900,
141.626

 88, 45.900,
141.626

 86, 60.445,
140.716


 90, 30.965,
142.424


 85, 74.220,
139.707


 92, 15.924,
143.115

 84, 86.755,
138.643


 94, 0.990, 143.966


 83, 97.482,
137.612

 96, 10.613,
324.781

 83, 105.773,

136.745

 83, 111.110,
136.184

 82, 113.548,
135.933

Harmonies

Complementary

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



88, 45.900, 141.626



77, 45.960, 325.325

Rectangle

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



88, 45.900, 141.626



88, 45.900, 191.626



88, 45.900, 321.626



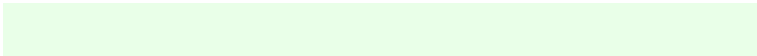
88, 45.900, 11.626

Sweetspot

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



88, 45.902, 141.626



98, 14.183, 143.220



92, 35.957, 105.742



52, 9.865, 143.126



0, 0.000, 0.000



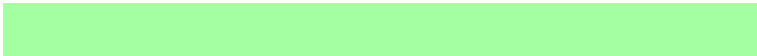
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 45.902, 141.626



93, 58.338, 141.051



89, 32.749, 159.075



49, 8.519, 143.191



65, 93.440, 135.902



19, 39.442, 137.372

Inverse Universe

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



77, 45.960, 325.325



78, 58.368, 325.647



76, 33.808, 344.674



47, 8.535, 324.197



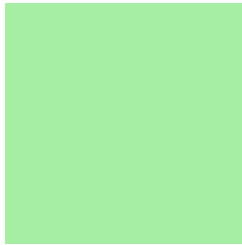
43, 90.410, 327.155



10, 39.460, 327.304

Previews

White Background



This preview shows how the CIE LCh color 88, 45.900, 141.626 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, 45.900, 141.626 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, 45.900, 141.626

Background



This preview shows how black text looks on a background with the CIELCh color 88, 45.900, 141.626.

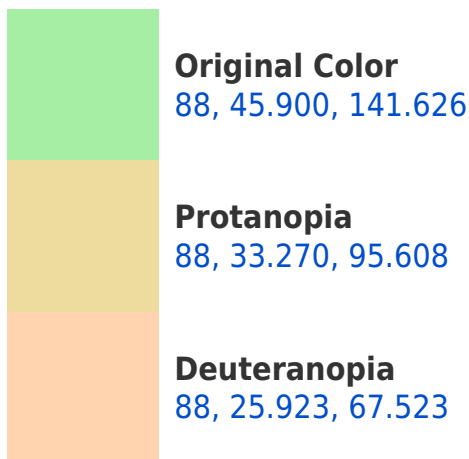


This preview shows how white text looks on a background with the CIELCh color 88, 45.900, 141.626.

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



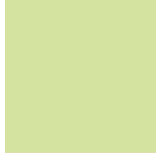


Tritanopia
88, 17.391, 231.487

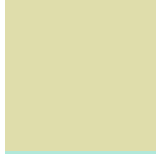
Trichromacy



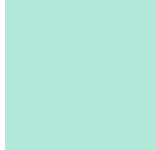
Original Color
88, 45.900, 141.626



Protanomaly
88, 34.931, 116.963



Deuteranomaly
87, 25.900, 106.263

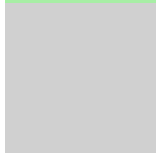


Tritanomaly
88, 20.593, 175.608

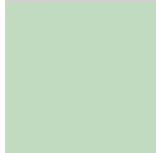
Monochromacy



Original Color
88, 45.900, 141.626



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 17.153, 142.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 45.900, 141.626 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(167, 238, 165)` looks like.

```
.text, #text, p{  
    color:rgb(167, 238, 165)  
}
```

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(167, 238, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 238, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 45.900, 141.626 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(167, 238, 165) }
```

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

```
.border{ border-color:rgb(167, 238, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 238, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 238, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 238, 165); box-shadow:4px 4px 4px 4px rgb(167, 238, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 45.900, 141.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 238, 165) }
```

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

```
.background{ background-color: rgb(167,  
238, 165) }
```

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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